



- Warning**
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
 - Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
 - Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.
- If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.



PCVPH1417aprv

VRV IV

CAUTION!

This Original Content of Catalogue is a prototype of official Catalogue.

It cannot be disclosed to any outside party as sales promotional materials.

To turn the Original Content into practical sales promotional materials, at least the following two points should be modified.

1. The local sales company name should be put on the back cover.
2. “aprv” at the end of Catalogue ID number should be deleted.

Cooling Only 60 Hz

R-410A

Next Generation **VRV IV** System



VRV IV

First launched in Japan in 1982, the Daikin **VRV** system has been embraced by world markets for over 30 years. Now, Daikin proudly introduces the next generation **VRV IV** system. It now offers an enhanced lineup to meet an ever wider variety of needs while improving energy savings, comfort, and ease of installation.

Enhanced lineup

3 types up to 60 HP

Ease of installation

Compact & lightweight design

Energy saving

Higher COP and VRT technology

Comfort

Lower operation sound

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Enhanced Lineup to 3 types

High-COP Type



Enables further energy saving
12 HP-50 HP with 4 new models lineup

VRV III		VRV IV	
COP	3.94	COP	4.35
Installation Space	1.66 m ²	Installation Space	2.13 m ²
Product Weight	490 kg	Product Weight	555 kg
		10% Increase	

Standard Type



Offers higher capacity of up to 60 HP
6 HP-60 HP with 3 new models lineup

VRV III		VRV IV	
COP	3.94	COP	3.94
Installation Space	1.66 m ²	Installation Space	1.42 m ²
Product Weight	490 kg	Product Weight	380 kg
		14% Decrease	
		22% Decrease	




































































Space Saving Type



New series with compact & lightweight design
18 HP-50 HP with 17 new models lineup

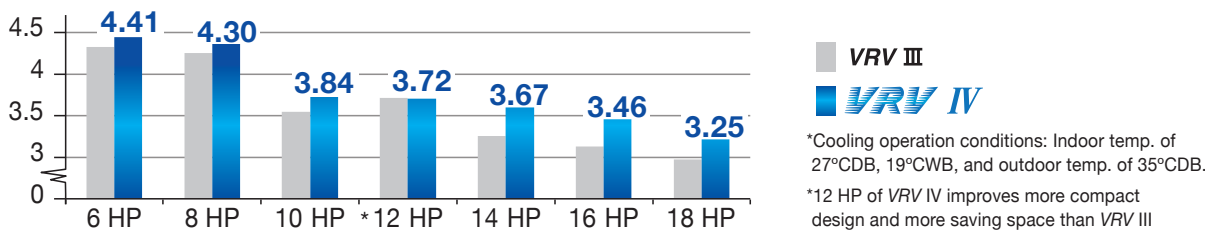
VRV III		VRV IV	
COP	3.94	COP	3.11
Installation Space	1.66 m ²	Installation Space	0.95 m ²
Product Weight	490 kg	Product Weight	320 kg
		43% Decrease	
		35% Decrease	

Lineup

																																		 Mo/C	 New Lineup
HP	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60							
High-COP Type																																			
Standard Type																																			
Space Saving Type																																			

Energy saving

Higher Coefficient of Performance (COP)



Ease of installation

Compact & lightweight design

Highly-integrated VRV system offers compact outdoor units to achieve maximum utilisation of the installation space.



VRV III 12 HP		VRV IV 12 HP	
Installation Space	0.95 m ²	Installation Space	0.71 m ²
		25% Decrease	
Product Weight	285 kg	Product Weight	195 kg
		32% Decrease	

Comfort

Lower operation sound

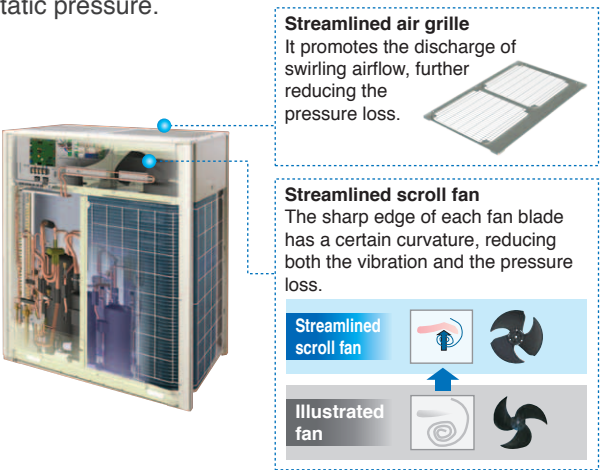
Improve heat exchanger efficiency, helps to reduced operation sound.

	Sound level(dB(A))			
	6 HP	8 HP	10 HP	12 HP
VRV III	57	57	58	60
VRV IV	55	56	57	59

1-2 dB(A) reduction than conventional model

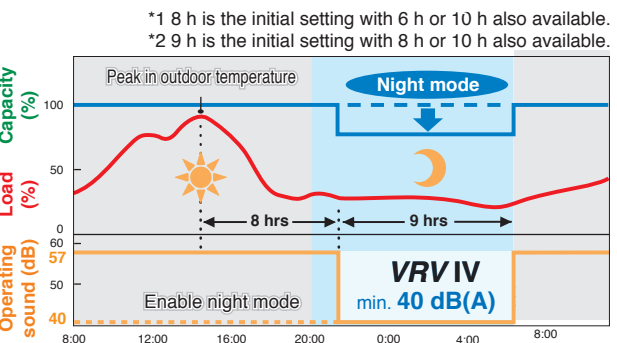
Large airflow, high static pressure and quiet technology

Without increasing operation sound, advanced analytic technologies are utilised to optimise fan design and increase airflow rate and high external static pressure.



Nighttime quiet operation function

Outdoor PCB automatically memorises the time when the peak outdoor temperature appears. It will enable quiet operation mode after 8 h^{*1}, and return to normal mode after it keeps for 9 h^{*2}.



Notes: - This function is available in setting at site.
- The operating sound in quiet operation mode is the actual value measured by our company.
- The relationship of outdoor temperature (load) and time shown above is just an example.

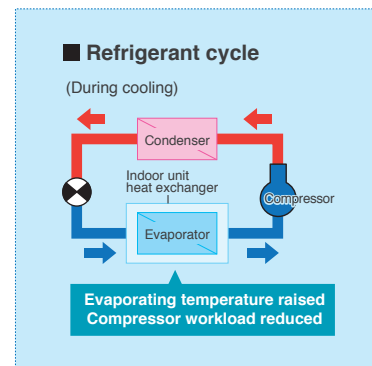
State-of-the-art energy saving technology for VRV

Customise your VRV for optimal annual efficiency

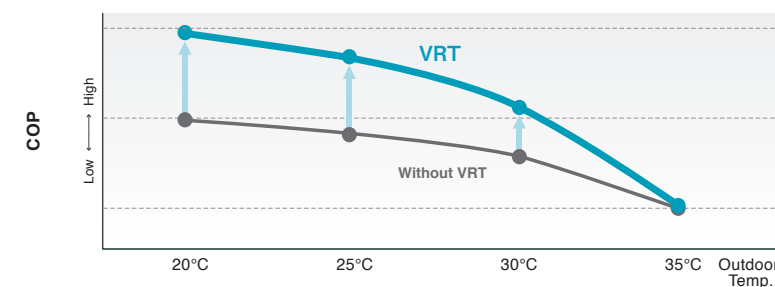
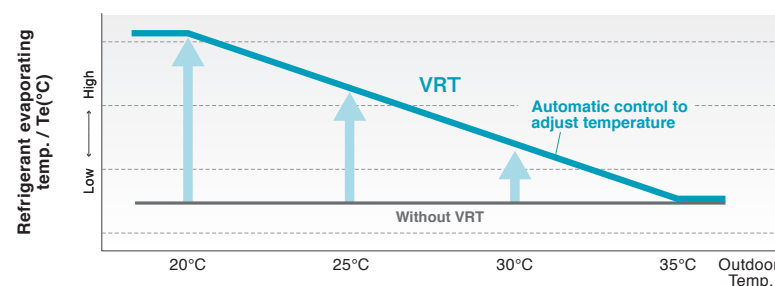
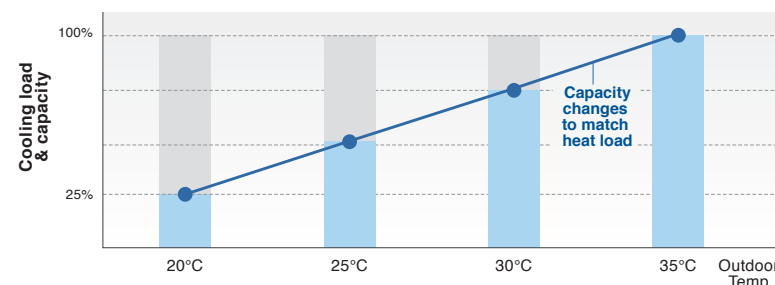
The new **VRV IV** system now features VRT technology. VRT automatically adjusts refrigerant temperature to individual building and climate requirement, thus further improving annual energy efficiency and maintaining comfort. With this excellent technology, running costs are reduced.

How is energy reduced?

During cooling, the refrigerant evaporating temperature (T_e) is raised to minimise the difference with the condensing temperature. Compressors work less, and this reduces power consumption.



Typical changes in evaporating temperature and COP depending on changing indoor load



Required capacity changes as air conditioning load changes according to outdoor temperature.

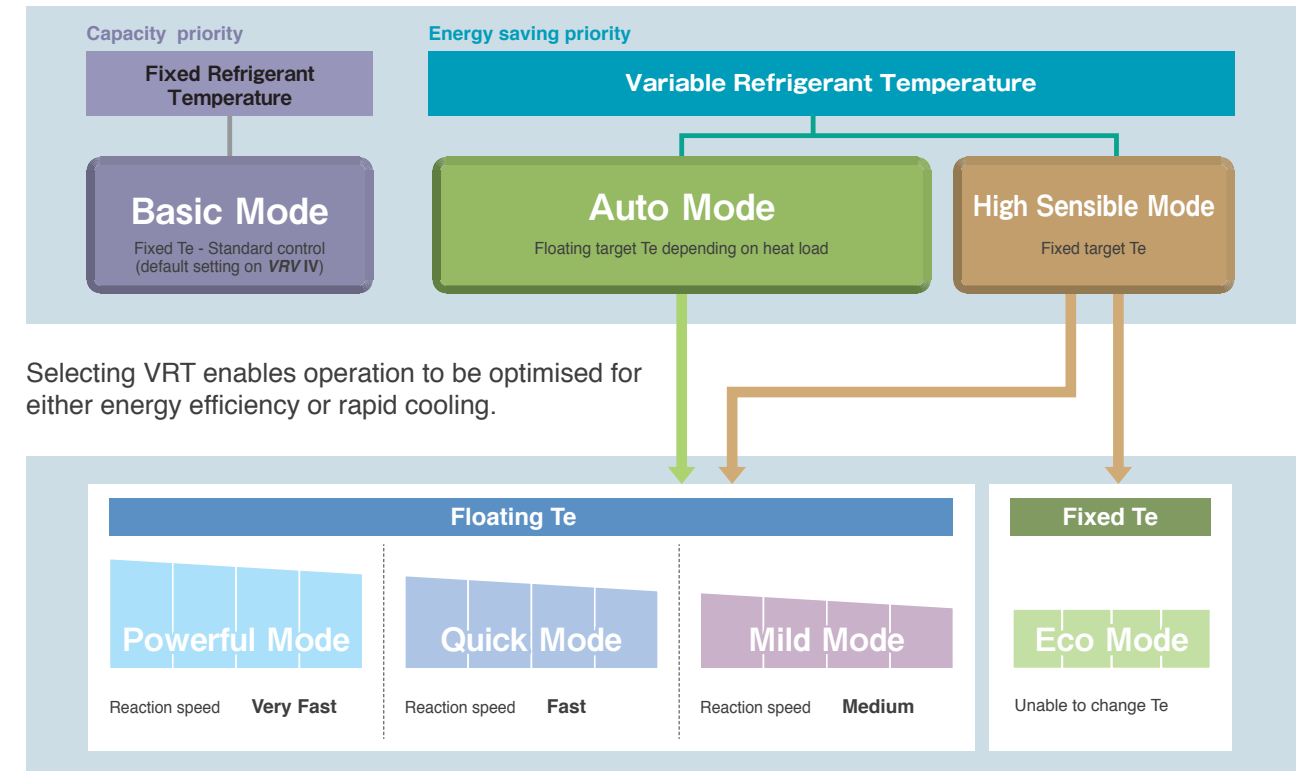
In case of fixed evaporating temperature, excessive cooling, thermo on-off loss, and other inefficiencies occur.

Automatic control adjusts evaporating temperature to heat load change.

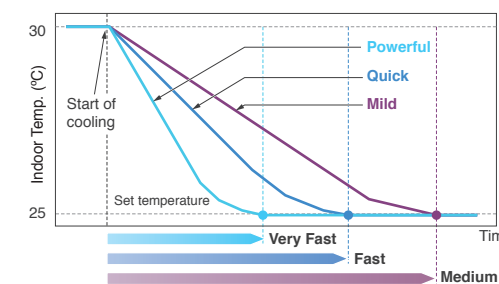
Energy efficiency is improved without sacrificing comfort.

Fine control to match user preference available through mode selection

Basic mode is selected to maintain optimal comfort. VRT is selected to save energy and prevent excessive cooling.



VRT offers quicker cool down to shorten uncomfortable pull down time.

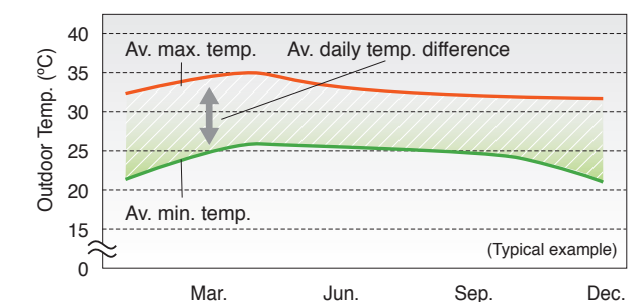


Powerful mode	<ul style="list-style-type: none"> Can boost capacity above 100% if needed. The refrigerant temperature can go lower in cooling than the set minimum. Gives priority to very fast reaction speed. The refrigerant temperature goes down fast to keep the room setpoint stable.
Quick mode	<ul style="list-style-type: none"> Gives priority to fast reaction speed. The refrigerant temperature goes down fast to keep the room setpoint stable.
Mild mode	<ul style="list-style-type: none"> Gives priority to efficiency. The refrigerant temperature goes down gradually giving priority to the efficiency of the system instead of the reaction speed.

Recommended for use in these situations

■ Cooling only regions having differences in daily temperature.

VRT is particularly effective at night when temperatures are low.



More options for installation location

Long piping length

The long piping length provides more design flexibility, which can match even large-sized buildings.

For connection of only VRV indoor units

Max. actual piping length **165 m**

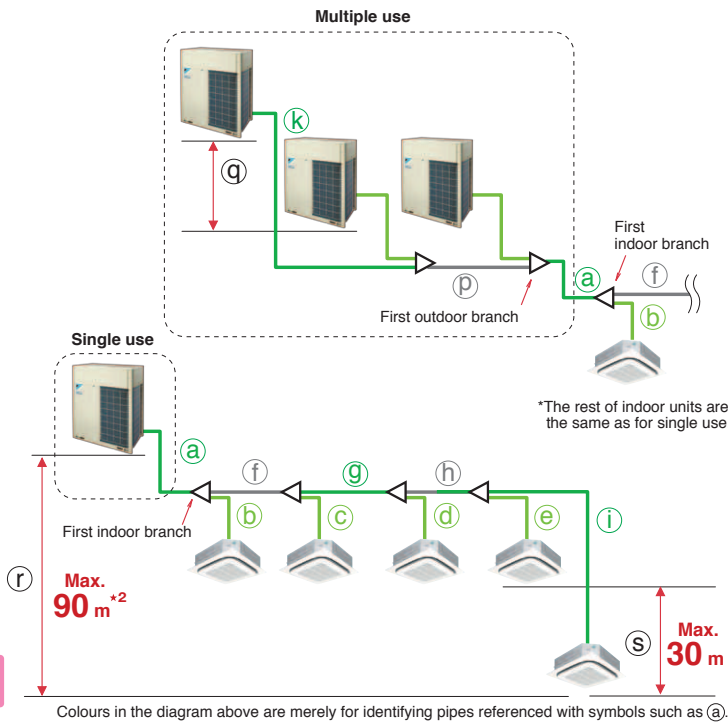
Max. equivalent piping length **190 m**

Max. total piping length **1000 m**

Max. level difference between the outdoor units and the indoor units **90 m^{*2}**

Max. level difference between the indoor units **30 m**

15 m higher than VRV III



	Actual piping length	Example	Equivalent piping length
Refrigerant piping length	165 m	a+f+g+h+i	190 m
Total piping length	1000 m	a+b+c+d+e+f+g+h+i	—
Between the first indoor branch and the farthest indoor unit	90 m ^{*1}	f+g+h+i	—
Between the outdoor branch and the last outdoor unit	10 m	k+p	13 m

	Level Difference	Example
Between the outdoor units (Multiple use)	5 m	q
Between the indoor units	30 m	s
Between the outdoor units and the indoor units	If the outdoor unit is above. 90 m ^{*2} If the outdoor unit is below. 90 m	r

- *1. No special requirements up to 40 m. The maximum actual piping length can be 90 m, depending on conditions. Various conditions and requirements have to be met to allow utilisation of 90 m piping length. Be sure to refer to the Engineering Data Book for details of these conditions and requirements.
- *2. When level differences are 50 m or more, the diameter of the main liquid piping size must be increased and connection ratio must be 80% to 130%. If the outdoor unit is above the indoor unit, a dedicated setting on the outdoor unit is required. Refer to the Engineering Data Book and contact your local dealer for more information.

Connection ratio

Connection capacity at maximum is 200%.

Connection ratio **50%–200%**

Connection ratio = $\frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$

Conditions of VRV indoor unit connection capacity

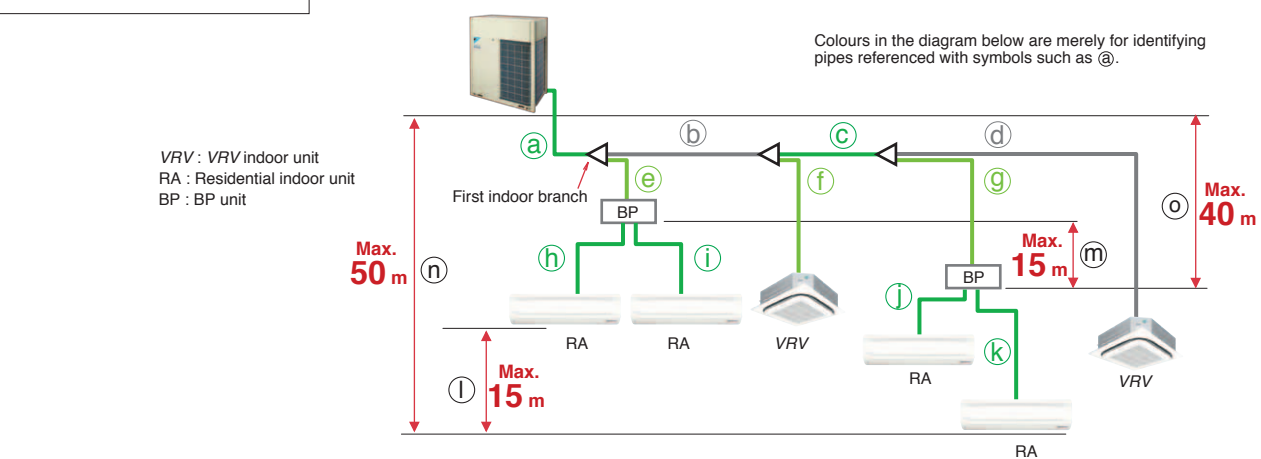
Applicable VRV indoor units	FXDQ, FXMQ-P, FXAQ models	Other VRV indoor unit models ^{*1}
Single outdoor units	200%	200%
Double outdoor units	200%	160%
Triple outdoor units	200%	130%

*1 For the FXFQ25LU, FXFQ-S and FXVQ models, maximum connection ratio is 130% for the entire range of outdoor units.

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

*Refer to page 57-58 for outdoor unit combination details.

For mixed combination of VRV and residential indoor units



When a mixed combination of VRV and residential indoor units is connected or when only residential indoor units are connected

	Actual piping length	Example
Refrigerant piping length	100 m	a+b+c+g+k, a+b+c+d
Total piping length	250 m	a+b+c+d+e+f+g+h+i+j+k
Maximum allowable piping length	Between BP unit and indoor unit	If indoor unit capacity index < 60. 2 m–15 m If indoor unit capacity index is 60. 2 m–12 m If indoor unit capacity index is 71. 2 m–8 m
Between the first indoor branch and the farthest BP unit or between the first indoor branch and the farthest VRV indoor unit	50 m ^{*1}	b+c+g, b+c+d
Minimum allowable piping length	Between outdoor unit and the first indoor branch	5 m

	Level Difference	Example
Between the indoor units	15 m	l
Between BP units	15 m	m
Between the outdoor unit and the indoor unit	If the outdoor unit is above. 50 m If the outdoor unit is below. 40 m	n
Between the outdoor unit and the BP unit	40 m	o

*1. When the piping length exceeds 20 m, the size of the main pipes (the gas side and the liquid side) must be increased. Please refer to Engineering Data Book for details.

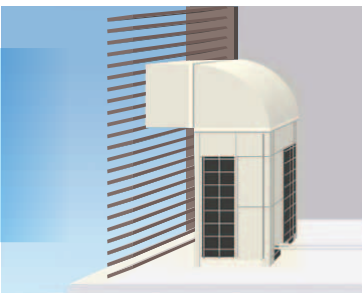
*When a mixed combination of VRV and residential indoor units is connected or when only residential indoor units are connected, connection ratio must be 50% to 130%. Refer to page 58 for outdoor unit combination details.

High external static pressure

VRV IV outdoor unit has been achieved high external static pressure up to 78.4 Pa, ensuring the efficient heat dissipation and stable operation of equipment in either hierarchical or intensive arrangement.

78.4 Pa

- More options in the opening/angle of louver
- Outstanding heat dissipation effect in both hierarchical and intensive arrangement

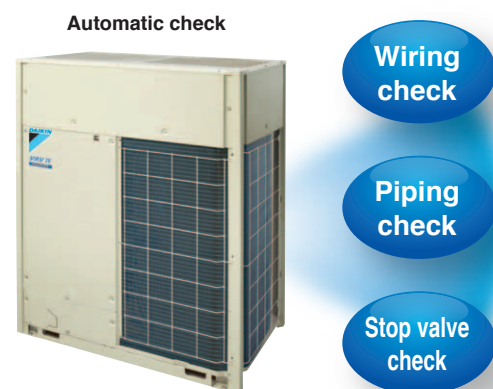


Multiple advanced features ensuring more accurate test operation and stable system

Efficient automatic test operation

Daikin **VRV IV** system incorporates a simplified and efficient test operation function, not only greatly accelerating the installation process, but effectively improving the field setting quality as well.

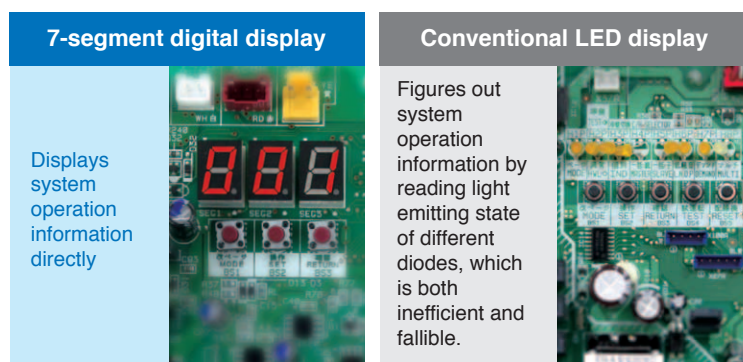
- Automatically checks the wirings between outdoor units and indoor units to confirm whether there is a defective wiring.
- Confirms and corrects the actual piping length.
- Automatically check whether the stop valve in each outdoor unit is in normal status to ensure the smooth operation of air conditioning system.



Simplified commissioning and after-sales service

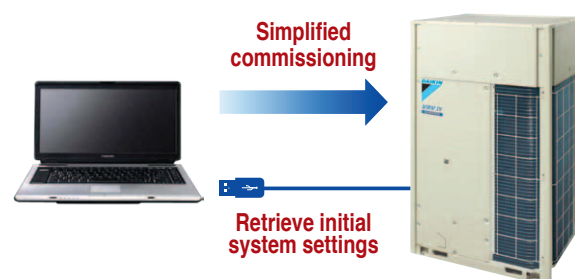
Function of information display by luminous digital tube

VRV IV system utilises 7-segment luminous digital tubes to display system operation information, enabling the operational state to be visually displayed whilst facilitating simplified commissioning and after-sales service.



VRV configurator

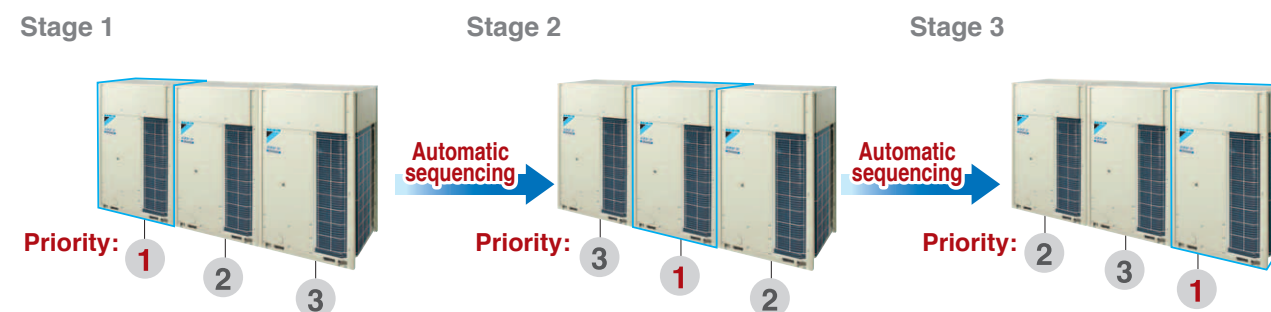
- The **VRV** configurator is an advanced software solution that allows for easy system configuration and commissioning.
- less time is required on the roof configuring the outdoor unit.
- multiple systems at different sites can be managed in exactly the same way, thus offering simplified commissioning for key accounts.
- Initial settings on the outdoor unit can be easily retrieved.



Outdoor unit sequencing technology

Automatic sequencing operation

During start-up, Daikin **VRV IV** unit sequencing operation will be automatically enabled to ensure balanced operation of each outdoor unit to improve longevity of equipment and stable operation.



Double backup operation functions responding resiliently to various unexpected situations

Double backup operation functions

Daikin **VRV IV** system boasts double backup operation functions, which can secure the use of air conditioners in this area to the greatest extent by emergently enabling double backup operation functions even if failure occurs in a set of air conditioning equipment. In the event of a failure, emergency operation can be conveniently enabled to allow the remaining system to operate in a limited fashion.

Unit backup operation function

If malfunction occurs in an outdoor unit...
Emergency operation can be conveniently set and enabled by the remote controller for indoor unit (for systems composed of two or more outdoor units).



Compressor backup operation function

If malfunction occurs in a compressor...
Emergency operation can be easily set and enabled by the outdoor unit (for a single outdoor unit system RXQ14-20TYL models).

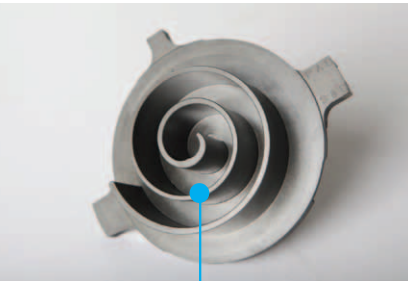


Large capacity all DC inverter compressor in compact casing

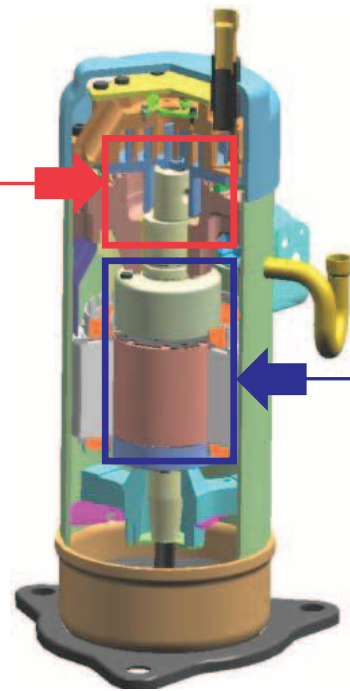
Large capacity all DC inverter compressor using high tension strength material, realise 12 HP compressor using 8 HP casing.

Development of high strength material

Gives 2.4 times tensile strength compare to conventional material
New Material: 600 MPa
Conventional Material : 250 MPa
Increase compression chamber volume by using thin spiral design.

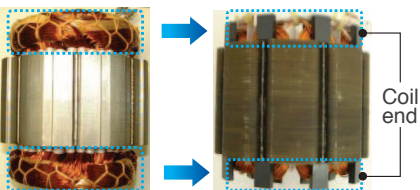


As a result of having thinned a wall - thickness of the scroll, compression chamber volume increase 50%



Small type high efficiency concentrated winding motor

Distributed winding motor (Current 8 HP compressor) Concentrated winding motor (New 12 HP compressor)



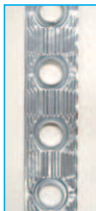
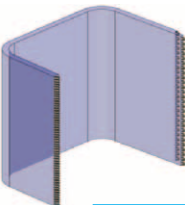
Small sizing coil end using concentrated winding, reduce copper loss (winding resistance).

Improve motor efficiency in low rpm range (improve intermediate efficiency).

Highly integrated heat exchanger

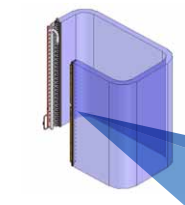
Improve performance by increasing heat exchanger area while maintaining the same installation space.

VRV III



Fine Louvre Fin

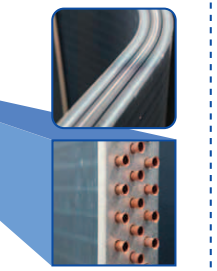
VRV IV



Waffle Fin

Change fin shape from fine louvre to waffle fin. Fin pitch can be reduced fin pitch from 2.0 mm to 1.4 mm, to realise unit efficiency which increased heat exchanger area.

Realise highly integrated heat exchanger performance (increase row, reduce fin pitch) by reducing of airflow resistance which changes cooling tube to Ø7.



20 HP

3 row with small pipe design, increases heat transfer efficiency



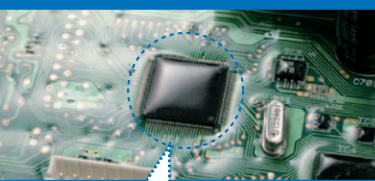
	Heat exchanger area	Contribution of COP (cooling)
10 HP	13%UP	105.5%
16 HP	24%UP	111.5%

Various advanced control main PC board

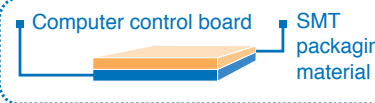
SMT* packaging technology

- SMT packaging technology adopted by the whole computer control panel improves the anti-clutter performance.
- Protects your computer boards from the adverse effect of sandy and humid weather.

Computer control board surface adopting SMT packaging technology



Conventional computer control board surface

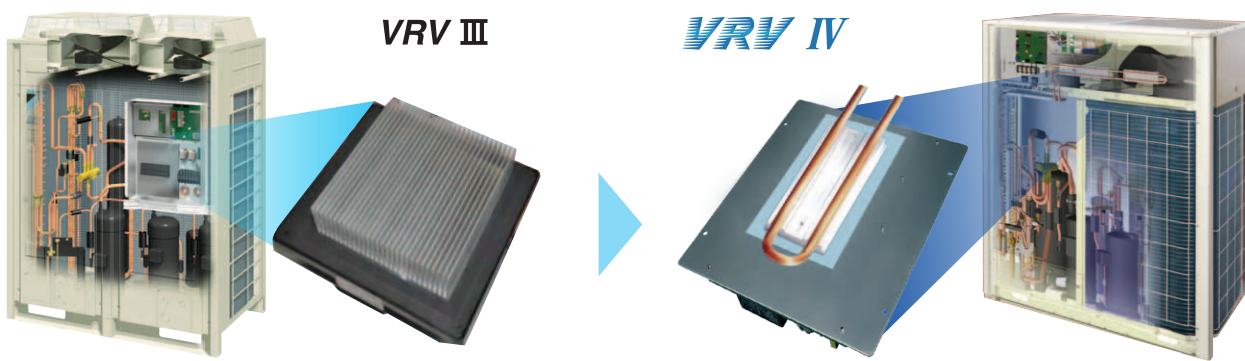
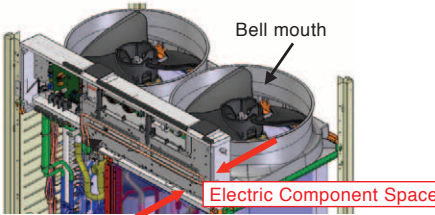


*SMT: Surface mounted technology

Refrigerant cooling technology, ensures stability of PCB temperature

Improved inner design to increase smooth airflow

Downsize electric component, re-locate to dead space of bell mouth side to decrease airflow resistance.



Roof terrace temperature in summer is over 40 °C, seriously affecting inverter cooling efficiency, resulting in decline of inverter operating speed. Finally device parts response speed is reduced.

Control board failure ratio at stable operation is reduced.

Improve reliability at high ambient temperature

It is possible to cool the inverter power module stability even at high ambient temperature. This helps to keep air-conditioning capacity and also reduces failure ratio.

Outdoor Units

Cooling Only

The outdoor unit capacity is up to 60 HP in increment of 2 HP.

- VRV IV outdoor unit offers a higher capacity of up to 60 HP, responding to the needs of large-sized building.
- The single outdoor unit has only 2 different shapes and dimensions, not only simplifying the design process, but also bringing the system flexibility to a new level.
- With the outdoor unit capacity increased in increment of 2 HP, customers' needs can be precisely met.

Lineup

	Mo/C																												New Lineup			
HP	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60				
High-COP Type																																
Standard Type																																
Space Saving Type																																

High-COP Type

Double Outdoor Units
12, 14, 16 HP



RXQ12THYL
RXQ14THYL
RXQ16THYL

Triple Outdoor Units
18, 20, 22, 24, 26, 28, 30, 32 HP



RXQ18THYL RXQ24THYL RXQ30THYL
RXQ20THYL RXQ26THYL RXQ32THYL
RXQ22THYL RXQ28THYL

34, 38 HP



RXQ34THYL
RXQ38THYL

36, 40 HP



RXQ36THYL
RXQ40THYL

42, 44, 46, 48, 50 HP



RXQ42THYL RXQ48THYL
RXQ44THYL RXQ50THYL
RXQ46THYL

Standard Type

Single Outdoor Units
6, 8, 10, 12 HP 14, 16 HP



RXQ6TYL
RXQ8TYL
RXQ10TYL
RXQ12TYL



RXQ14TYL
RXQ16TYL

Double Outdoor Units
18, 20 HP 22, 24, 26 HP 28, 30, 32 HP



RXQ18TNYL
RXQ20TNYL



RXQ22TNYL
RXQ24TNYL
RXQ26TNYL



RXQ28TNYL
RXQ30TNYL
RXQ32TNYL

Triple Outdoor Units
34, 36 HP 38, 40 HP 42, 44 HP 46, 48, 50, 52, 54, 56, 58, 60 HP



RXQ34TNYL
RXQ36TNYL



RXQ38TNYL
RXQ40TNYL



RXQ42TNYL
RXQ44TNYL



RXQ46TNYL RXQ54TNYL
RXQ48TNYL RXQ56TNYL
RXQ50TNYL RXQ58TNYL
RXQ52TNYL RXQ60TNYL

Space Saving Type

Single Outdoor Units
18, 20 HP



RXQ18TSYL
RXQ20TSYL

Double Outdoor Units
22, 24 HP



RXQ22TSYL
RXQ24TSYL

26, 28, 30, 32 HP



RXQ26TSYL RXQ30TSYL
RXQ28TSYL RXQ32TSYL

Double Outdoor Units
34, 36, 38, 40 HP



RXQ34TSYL RXQ38TSYL
RXQ36TSYL RXQ40TSYL

Triple Outdoor Units
42, 44 HP



RXQ42TSYL
RXQ44TSYL

46, 48, 50 HP






RXQ46TSYL
RXQ48TSYL
RXQ50TSYL




Enhanced range of choices

A mixed combination of VRV indoor units and residential indoor units is enabled all in one system. Opening the door to stylish and quiet indoor units.

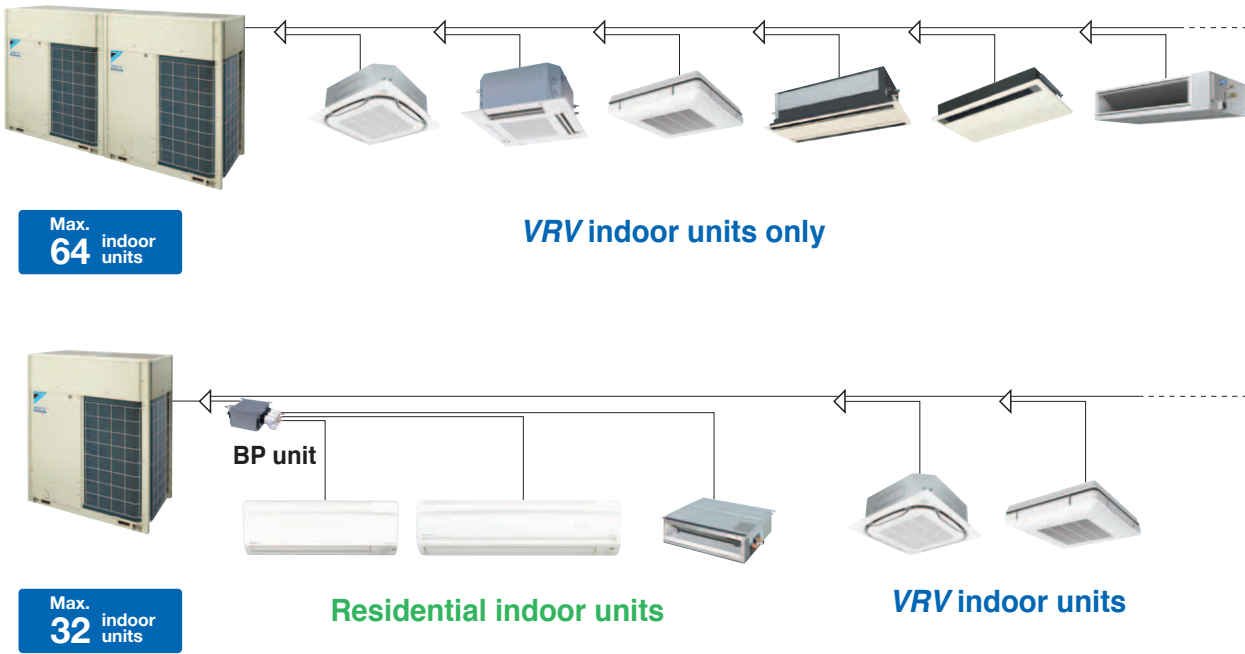
VRV indoor units 17 types 85 models

Type	Model Name		20	25	32	40	50	63	71	80	100	125	140	200	250	400	500	
			Capacity Range	0.8 HP	1 HP	1.25 HP	1.6 HP	2 HP	2.5 HP	3 HP	3.2 HP	4 HP	5 HP	6 HP	8 HP	10 HP	16 HP	20 HP
			Capacity Index	20	25	31.25	40	50	62.5	71	80	100	125	140	200	250	400	500
Ceiling Mounted Cassette (Round Flow with Sensing)	New FXFQ-SVM			New	New	New	New	New		New	New	New						
Ceiling Mounted Cassette (Round Flow)	FXFQ-PVE																	
Ceiling Mounted Cassette (Compact Multi Flow)	FXZQ-MVE																	
4-Way Flow Ceiling Suspended	New FXUQ-AVEB								New		New							
Ceiling Mounted Cassette (Double Flow)	FXCQ-MVE																	
Ceiling Mounted Cassette Corner	FXKQ-MAVE																	
Slim Ceiling Mounted Duct	FXDQ-PBVE (with drain pump)																	
	FXDQ-PBVET (without drain pump) (700 mm width type)																	
	FXDQ-NBVE (with drain pump)																	
	FXDQ-NBVET (without drain pump) (900/1,100 mm width type)																	
Ceiling Mounted Duct	FXMQ-PVE																	
	FXMQ-MAVE																	
Ceiling Suspended	FXHQ-MAVE																	
Wall Mounted	FXAQ-PVE																	
Floor Standing	FXLQ-MAVE																	
Concealed Floor Standing	FXNQ-MAVE																	
Floor Standing Duct	New FXVQ-MTL											New		New	New	New	New	

New Residential indoor units with connection to BP units 4 types 17 models

Type	Model Name	Rated Capacity	25	35	50	60	71
			2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW
		Capacity Index	25	35	50	60	71
Ceiling Mounted Cassette	FCQ-BVE						
Ceiling Mounted Cassette (Compact Multi Flow)	FFQ-KVL						
Slim Ceiling Mounted Duct	CDKS-KVM	(700 mm width type)					
		(900/1,100 mm width type)					
Wall Mounted	FTKS-KVM						

Note: BP units are necessary for residential indoor units. Only single outdoor unit (RXQ6-20TYL) can be connected.



Daikin air handing units can be connected to VRV IV system. Please refer to page 83 and contact your local sales office for details.

*Refer to page 57-58 for the maximum number of connectable indoor units.

Daikin offers a wide range of indoor units includes both VRV and residential models responding to variety of needs of our customers that require air-conditioning solutions.

VRV Indoor Unit

Ceiling Mounted Cassette (Round Flow with Sensing) Type

FXFQ-SVM
New

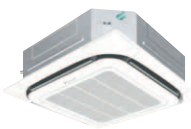


Presence of people and floor temperature can be detected to provide comfort and energy savings



Ceiling Mounted Cassette (Round Flow) Type

FXFQ-PVE



360° airflow improves temperature distribution and offers a comfortable living environment.



Ceiling Mounted Cassette (Compact Multi Flow) Type

FXZQ-MVE



Quiet, compact, and designed for user comfort



4-Way Flow Ceiling Suspended Type

FXUQ-AVEB
New



This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.



Ceiling Mounted Cassette (Double Flow) Type

FXCQ-MVE

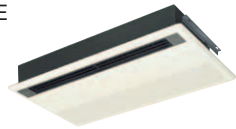


Thin, lightweight, and easy to install in narrow ceiling spaces

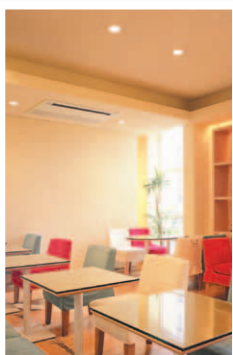


Ceiling Mounted Cassette Corner Type

FXKQ-MAVE

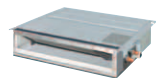


Slim design for flexible installation

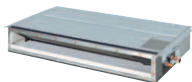


Slim Ceiling Mounted Duct Type

FXDQ-PBVE(T)



FXDQ-NBVE(T)



Slim design, quietness and static pressure switching

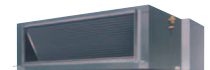


Ceiling Mounted Duct Type

FXMQ-PVE



FXMQ-MAVE



High external static pressure allows flexible installations



Ceiling Suspended Type

FXHQ-MAVE



Slim body with quiet and wide airflow



Wall Mounted Type

FXAQ-PVE



Stylish flat panel design harmonised with your interior décor



Floor Standing Type

FXLQ-MAVE



Concealed Floor Standing Type

FXNQ-MAVE



Suitable for perimeter zone air conditioning

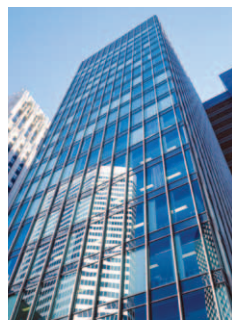


Floor Standing Duct Type

FXVQ-MTL
New



Large airflow type for large spaces. Flexible interior design for each tenant.



New Residential Indoor Units with connection to BP unit.

Ceiling Mounted Cassette Type

FCQ-BVE



Specially designed for false ceilings —for a smooth, modern interior finish



Ceiling Mounted Cassette (Compact Multi Flow) Type

FFQ-KVL



Quiet, compact, and designed for user comfort



Slim Ceiling Mounted Duct Type

CDKS-KVM



Slim and smooth design suits your shallow ceiling

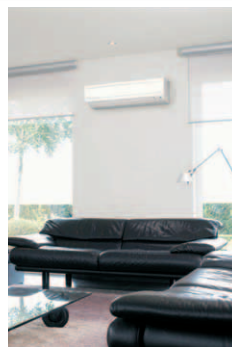


Wall Mounted Type

FTKS-KVM



Stylish flat panel harmonises with your interior décor



VRV Indoor Units

Ceiling Mounted Cassette (Round Flow with Sensing) Type

New

FXFQ25S / FXFQ32S / FXFQ40S
FXFQ50S / FXFQ63S / FXFQ80S
FXFQ100S / FXFQ125S



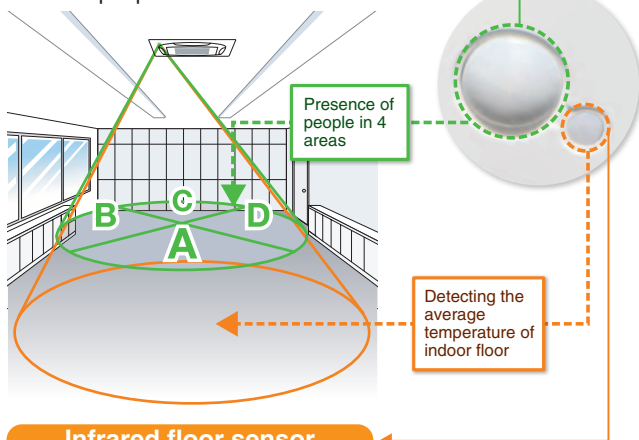
Round flow
with sensing

Presence of people and floor temperature can be detected to provide comfort and energy savings

- Dual sensors detect the presence of people and floor temperature to provide comfortable air-conditioning and energy savings.

Infrared presence sensor

- The sensor detects human presence, and energy saving control can be performed when no people are detected.



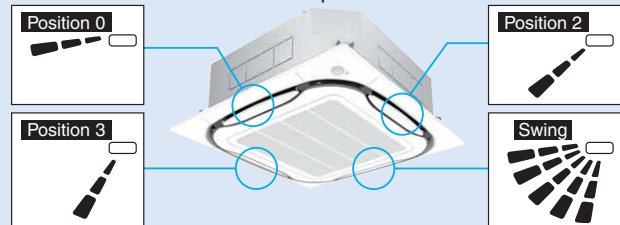
Infrared floor sensor

- The sensor detects the floor temperature and automatically adjusts operation of the indoor unit to reduce the temperature difference between the ceiling and the floor.

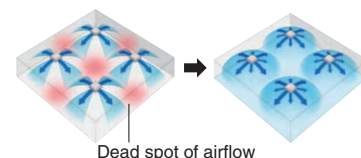
Individual airflow direction control

- Thanks to the individual airflow direction control function, airflow direction can be individually adjusted for each air discharge outlet. 5 directions of airflow and auto-swing can be selected with wired remote controller BRC1E62, which realises the optimum air distribution.

Individual airflow direction example case



- Indoor unit offers 360° airflow discharges air in all directions with more uniform temperature distribution.



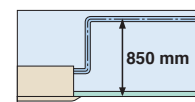
- Energy efficiency has been improved thanks to the adoption of a new heat exchanger with smaller tubes, DC fan motor and DC drain pump motor.

- Low operation sound level

FXFQ-S	25/32	40	50	63	80	100	125
Sound level (H/M/L)	30/28.5/27	31/29/27	36/32/28	38/33/28	38/35/31	44/38/32	45/40/35

- Control of airflow rate can be selected from 3-step control, which provides comfortable airflow. Auto airflow rate control can be selected with wired remote controller BRC1E62.

- Drain pump is equipped as standard accessory with 850 mm lift.

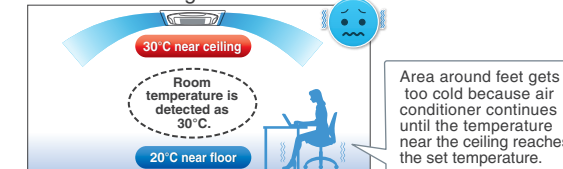


Sensing function

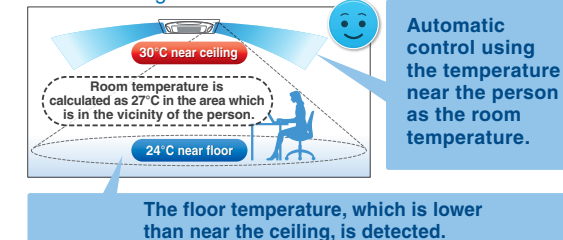
Auto airflow rate mode + Auto airflow direction mode

- Floor temperature is detected and over cooling prevented.

Without sensing function



With sensing function



Energy savings

The temperature near the person is automatically calculated by detecting the temperature of the floor. Energy is saved, because the area around the feet does not get too cold.

- Comfortable airflow

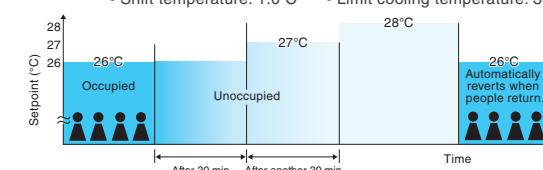
Airflow rate automatically increases during hot periods (when there is a large difference with set temperature), and operation is rapidly performed for cooling. When the difference with set temperature becomes small, drafts are prevented by automatically reducing airflow rate, and raising the flap to a horizontal position during cooling operation.

Sensing sensor mode

- Sensing sensor low mode *1, 2

- When there are no people in a room, the set temperature is shifted automatically.

Example: • Cooling setpoint: 26°C • Shift time: 30 min.
• Shift temperature: 1.0°C • Limit cooling temperature: 30°C



If people do not return, the air conditioner will raise the temperature 1°C every 30 minutes and then operate at 30°C.

Shift temperature and time can be selected from 0.5 to 4°C in 0.5°C increments and 15, 30, 45, 60, 90 or 120 minutes respectively with remote controller.

- Sensing sensor stop mode *1, 2

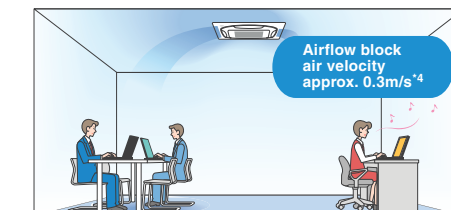
- When there are no people in a room, the system stops automatically.

Absent stop time can be selected from 1 to 24 hrs in 1 hr increments with remote controller.

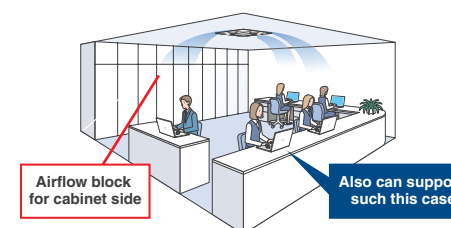
*1. These functions are not available when using the group control system.
*2. User can set these functions with remote controller.

Airflow block function *3

- Total comfort by individual airflow direction control and newly-equipped "airflow block function"



Airflow block function prevents uncomfortable drafts by reducing air velocity to approx. 0.3m/s. *4



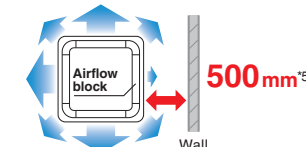
- New airflow block function prevents uncomfortable drafts by reducing air velocity. It can be set using the BRC1E62 remote controller. There is no need for sealing material of air discharge outlet (option).

- This function only works when all-round flow is used. It cannot be used when sealing material is used in the air discharge outlet (option).

- Easy setup with remote controller



- The airflow block function is useful when rearranging the room layout.



*3. Works in one direction only.

*4. In case of FXFQ63S type (Data is based on Daikin research.)

*5. A gap of 1500 mm is required if the air block function is not used.

VRV Indoor Units

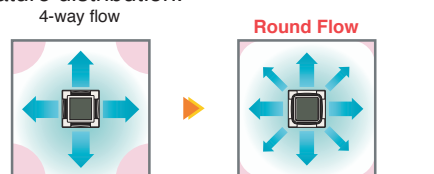
Ceiling Mounted Cassette (Round Flow) Type

FXFQ25P / FXFQ32P / FXFQ40P
FXFQ50P / FXFQ63P / FXFQ80P
FXFQ100P / FXFQ125P



360° airflow improves temperature distribution and offers a comfortable living environment.

- The industry's first* Round Flow Ceiling Mounted Cassette type offers 360° airflow with improved temperature distribution.



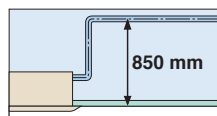
There are areas of uneven temperature.

There are much fewer areas of uneven temperature.

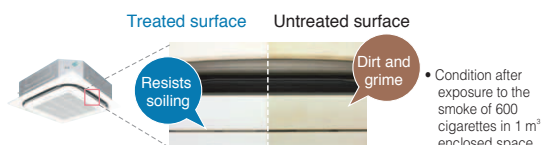
* As of April 2004, the release date for Japan.

- The light weight unit at 19.5 kg for FXFQ25-50P models makes installation easy.

- Drain pump is equipped as a standard accessory with a 850 mm lift.



- A modern sophisticated decoration panel has been applied, with a panel surface that has been treated with a dirt-repellant coating.



- Control of the airflow rate can be selected from 3-step control.

● Low operation sound level (dB(A))

FXFQ-P	25/32	40	50	63	80	100	125
Sound level (H/L)	30/28.5/27	31/29/27	32/29.5/27	34/31/28	36/33.5/31	43/37.5/32	44/39/34

- Example of airflow patterns: All-round flow is available, as well as 2-way to 4-way flows, so you can choose the most suitable airflow pattern depending on location or room layout.



Note: Whatever the discharge direction, the same type of panel is used. If installing for other than all-round flow, an air discharge outlet sealing material (option) must be used to close each unused outlet.

Ceiling Mounted Cassette (Compact Multi Flow) Type

FXZQ20M / FXZQ25M / FXZQ32M
FXZQ40M / FXZQ50M



Quiet, compact, and designed for user comfort

- Dimensions correspond with 600 mm x 600 mm architectural module ceiling design specifications.

- Low operation sound level

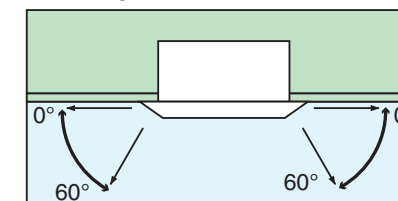
(dB(A))

FXZQ-M	20/25	32	40	50
Sound level (H/L)	32/29	33/29	36/30	41/34

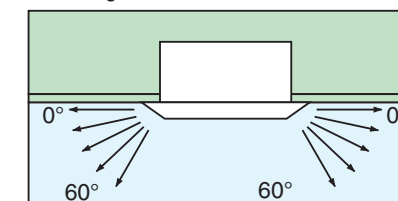
- Comfortable airflow

- Wide discharge angle: 0° to 60°

- Auto swing

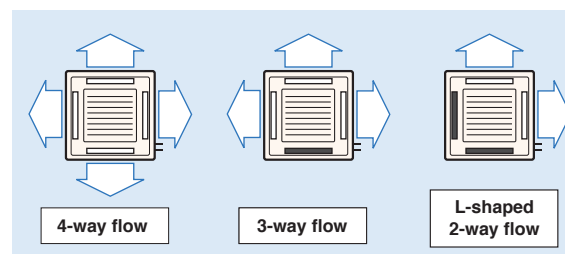


- Fixed angles: 5 levels



*Angles can be also set on site to prevent drafts (0°-35°) or soiling of the ceiling (25°-60°), other than standard setting (0°-60°).

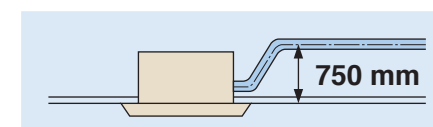
- 2-, 3-, and 4-way airflow patterns are available, enabling installation in the corner of a room.



*For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close each unused outlet.



- Drain pump is equipped as standard accessory with 750 mm lift.



VRV Indoor Units

4-Way Flow Ceiling Suspended Type

New

FXUQ71A / FXUQ100A



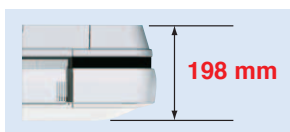
This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.

- Unit body and suction panel adopted round shapes and realised a slim appearance design. The unit can be used for various locations such as the ceilings with no cavity and bare ceilings.

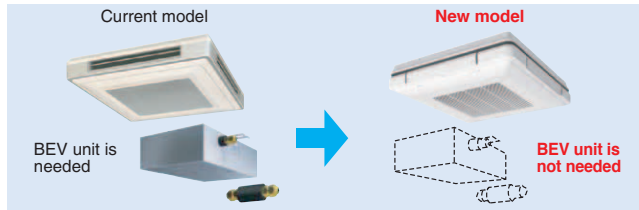


- Flaps close automatically when the unit stops, which gives a simple appearance.

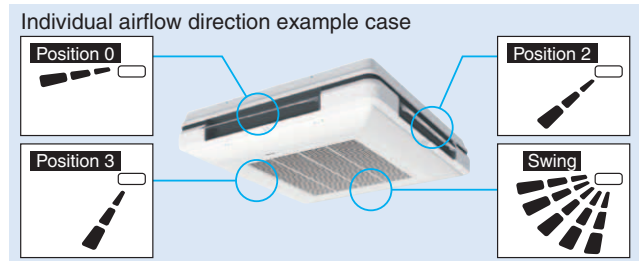
- Unified slim height of 198 mm for all models that gives the unified impression even when models with different capacities are installed in the same area.



- Built-in electronic expansion valve eliminates the need for a BEV unit, which improves flexibility of installation.



- With adoption of the individual flap control, airflow direction adjustment can be individually set for each air outlet. 5 directions of airflow and auto-swing can be selected with wired remote controller BRC1E62, which realises the optimum air distribution.

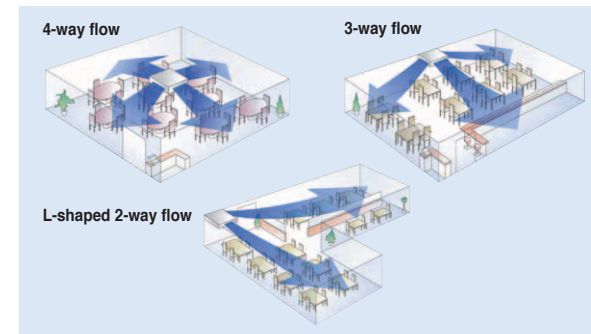


- Control of the airflow rate has been improved from 2-step to 3-step control. Auto airflow rate control can be selected with wired remote controller BRC1E62.

- Energy efficiency has been improved thanks to the adoption of a new heat exchanger with smaller tubes, DC fan motor and DC drain pump motor.

- Drain pump is equipped as a standard accessory, and the lift height has been improved from 500 mm to 600 mm.

- Depending on installation site requirements or room conditions, 2-way, 3-way and 4-way discharge patterns are available.



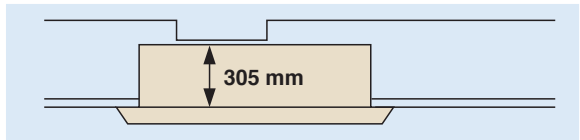
Ceiling Mounted Cassette (Double Flow) Type

FXCQ20M / FXCQ25M / FXCQ32M
FXCQ40M / FXCQ50M / FXCQ63M
FXCQ80M / FXCQ125M



Thin, lightweight, and easy to install in narrow ceiling spaces

- The thin unit (only 305 mm high) can be installed in a ceiling space as narrow as 350 mm. All models feature a compact design with a depth of only 600 mm.



(When a high-efficiency filter is attached, the unit's height is 400 mm.)

- Low operation sound level

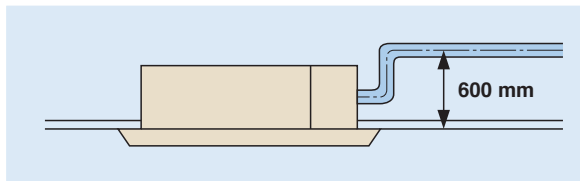
FXCQ-M	20	25/32	40/50	63	80	125
Sound level (H/L)	32/27	34/28	34/29	37/32	39/34	44/38

(dB(A))

- Designed with higher airflow suitable for high ceiling application up to 3 metres.

- Providing 2 different settings of standard and ceiling soiling prevention, the auto swing mechanism realises even distribution of airflow and room temperature.

- Drain pump is equipped as standard accessory with 600 mm lift.



- Two types of optional high-efficiency filter are available (65% and 95%, colourimetric method).

- A long-life filter (maintenance free up to one year*) is equipped as standard accessory.

* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m³

- Major maintenance work can be performed by removing the panel. A flat-type suction grille and a detachable blade make cleaning easy.

VRV Indoor Units

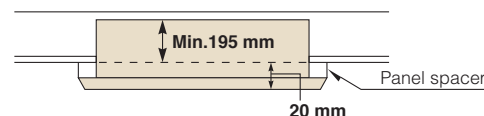
Ceiling Mounted Cassette Corner Type

FXKQ25MA / FXKQ32MA
FXKQ40MA / FXKQ63MA



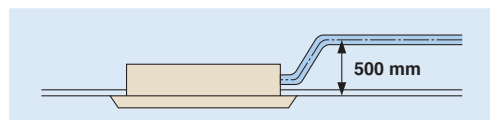
Slim design for flexible installation

- Slim body needs only 220 mm space above the ceiling. If you use a panel spacer (option), the unit can be installed in the minimum space of 195 mm.

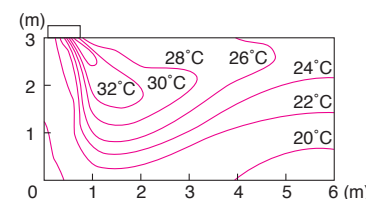


- Single-flow type allows effective air discharge from corner or from drop-ceiling.

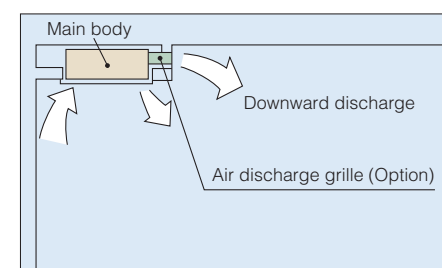
- Drain pump is equipped as standard accessory with 500 mm lift.



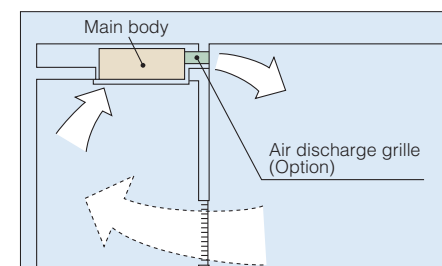
- Providing 3 different settings of standard, draft prevention and ceiling soiling prevention, the auto swing mechanism realises even distribution of airflow and room temperature.



- Front discharge is possible with an air discharge unit (option), which allows the installation in the drop-ceiling or sagging wall.



* Set for front discharge using a suspended ceiling.



* Downward discharge is shut off and air is blown straight out (front discharge).

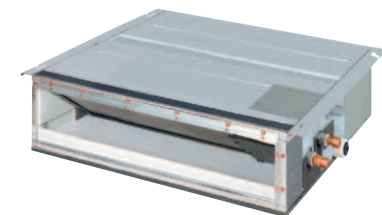
- A long-life filter (maintenance free up to one year*) is equipped as standard accessory.

* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m³



Slim Ceiling Mounted Duct Type

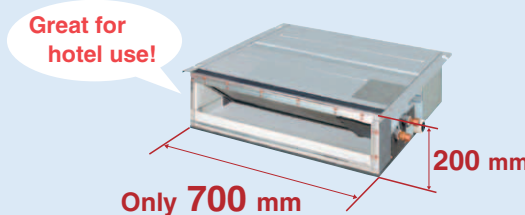
Slim design, quietness and static pressure switching



Suited to use in drop-ceilings!

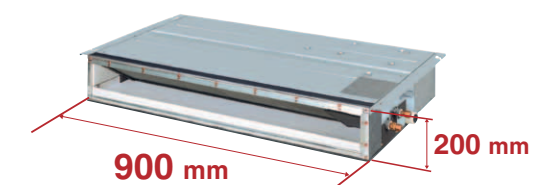
FXDQ20PB / FXDQ25PB / FXDQ32PB

- Only 700 mm in width and 23 kg in weight, this model is suitable to install in limited spaces like drop-ceilings in hotels.

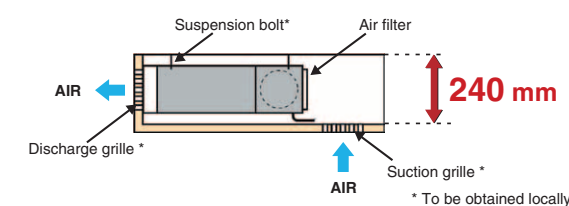


FXDQ40NB / FXDQ50NB / FXDQ63NB

- Only 200 mm in height, this model can be installed in rooms with as little as 240 mm depth between the drop-ceiling and ceiling slab.



* 1,100 mm in width for the FXDQ63NB model.

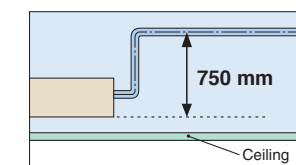


- External static pressure selectable by remote controller switching make this indoor unit a very comfortable and flexible model.

10 Pa-30 Pa/factory set: 10 Pa for FXDQ-PB models.
15 Pa-44 Pa/factory set: 15 Pa for FXDQ-NB models.

- FXDQ-PB and FXDQ-NB models are available in two types to suit different installation conditions.

FXDQ-PB/NBVE: with a drain pump (750 mm lift) as a standard accessory
FXDQ-PB/NBVET: without a drain pump



- Control of the airflow rate has been improved from 2-step to 3-step control.

- Low operation sound level

	20/25/32	40	50	63
FXDQ-PB/NB				
Sound level (HH/H/L)	33/31/29	34/32/30	35/33/31	36/34/32

* The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).
* Values are based on the following conditions:
FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.



VRV Indoor Units

Ceiling Mounted Duct Type

FXMQ20P / FXMQ25P / FXMQ32P
FXMQ40P / FXMQ50P / FXMQ63P
FXMQ80P / FXMQ100P / FXMQ125P
FXMQ140P

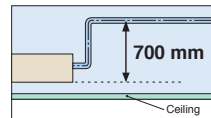


Middle and high static pressure allows for flexible duct design

- A DC fan motor increases the external static pressure capacity range to include middle to high static pressures, increasing design flexibility.
30 Pa–100 Pa for FXMQ20P–32P
30 Pa–160 Pa for FXMQ40P
50 Pa–200 Pa for FXMQ50P–125P
50 Pa–140 Pa for FXMQ140P

- All models are only 300 mm in height, an improvement over the 390 mm height of conventional models. The weight of the FXMQ40P has been reduced from 44 kg to 28 kg.

- Drain pump is equipped as standard accessory with 700 mm lift.



- Control of the airflow rate has been improved from 2-step to 3-step control.

Low operation sound level (dB(A))

FXMQ-P	20/25	32	40	50	63	80/100	125	140
Sound level (HH/H/L)	33/31/29	34/32/30	39/37/35	41/39/37	42/40/38	43/41/39	44/42/40	46/45/43

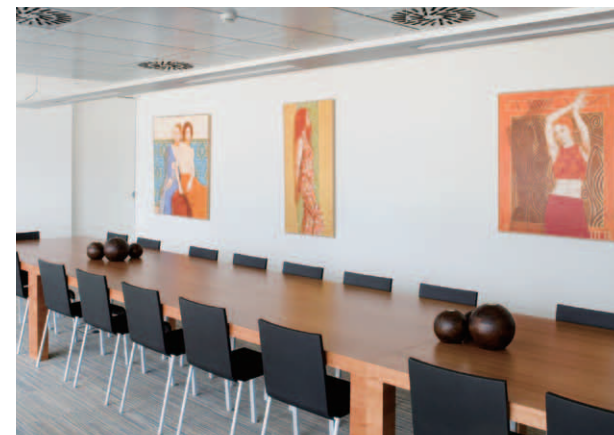
- Energy-efficient

- The adopted DC fan motor is much more efficient than the conventional AC motor, yielding an approximate 20% decrease in energy consumption (FXMQ125P).

FXMQ200MA/FXMQ250MA



- Simplified Static Pressure Control**
External static pressure can be easily adjusted using a change-over switch inside the electrical box to meet the resistance in the duct system.



- Improved ease of installation

- Airflow rate can be controlled using a remote controller during test operation. With the conventional model, the airflow rate was controlled from the PC board. It is automatically adjusted to the range between approximately $\pm 10\%$ of the rated HH tap airflow for FXMQ20P–125P.

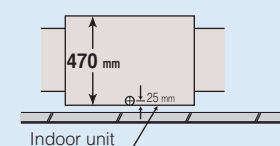
- Improved ease of maintenance

- The drain pan can be detached for easy cleaning. An antibacterial treatment that uses silver ions has been applied to the drain pan, preventing the growth of slime, mould and bacteria that cause blockages and odours.

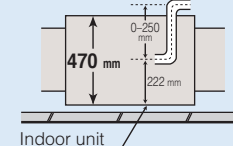
- Built-in Drain Pump (Option)**

Housing the drain pump inside the unit reduces the space required for installation.

- Without drain pump

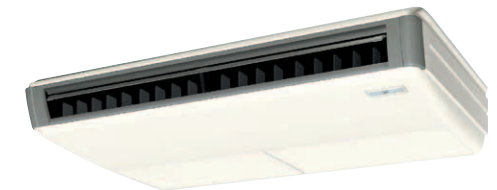


- With drain pump



Ceiling Suspended Type

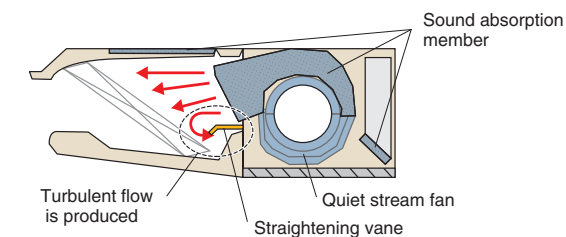
FXHQ32MA / FXHQ63MA
FXHQ100MA



Slim body with quiet and wide airflow

- Adoption of QUIET STREAM FAN

Uses the quiet stream fan and many more advanced technologies.

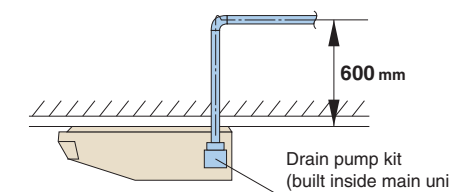


- Low operation sound level

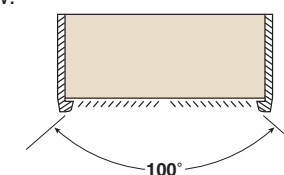
	32	63	100
FXHQ-MA			
Sound level (H/L)	36/31	39/34	45/37

- Installation is easy

- Drain pump kit (option) can be easily incorporated.



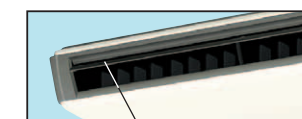
- Wide air discharge openings produce a spreading 100° airflow.



- Maintenance is easy

- Non-dew Flap with no implanted bristles

Bristle-free Flap minimises contamination and makes cleaning simpler.



Non-dew Flap

- Easy-to-clean flat design

- Maintenance is easier because everything can be performed from below the unit.

- A long-life filter (maintenance free up to one year*) is equipped as standard accessory.

* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m³

VRV Indoor Units

Wall Mounted Type

FXAQ20P / FXAQ25P
FXAQ32P / FXAQ40P
FXAQ50P / FXAQ63P

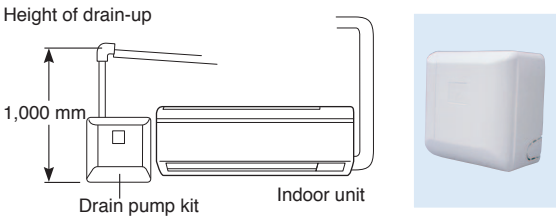


Stylish flat panel design harmonised with your interior décor

- Stylish flat panel design creates a graceful harmony that enhances any interior space.
 - Flat panel can be cleaned with only the single pass of a cloth across their smooth surface. Flat panel can also be easily removed and washed for more thorough cleaning.
 - Low operation sound level
- | | (dB(A)) | | | | | |
|-------------------|---------|-------|-------|-------|-------|-------|
| FXAQ-P | 20 | 25 | 32 | 40 | 50 | 63 |
| Sound level (H/L) | 35/31 | 36/31 | 38/31 | 39/34 | 42/37 | 47/41 |
- Drain pan and air filter can be kept clean by mould-proof polystyrene.
 - Vertical auto-swing realises efficiency of air distribution. The louvre closes automatically when the unit stops.
 - 5 steps of discharge angle can be set by remote controller.
 - Discharge angle is automatically set at the same angle as the previous operation when restarting. (Initial setting: 10° for cooling and 70° for heating)



- Drain pump kit is available as optional accessory, which lifts the drain 1,000 mm from the bottom of the unit.



- Flexible installation
 - Drain pipe can be fitted to from either left or right sides.

Floor Standing Type

FXLQ20MA / FXLQ25MA
FXLQ32MA / FXLQ40MA
FXLQ50MA / FXLQ63MA



Suitable for perimeter zone air conditioning

- Floor Standing types can be hung on the wall for easier cleaning. Running the piping from the back allows the unit to be hung on walls. Cleaning under the unit, where dust tends to accumulate, is considerably easier.
- The adoption of a fibre-less discharge grille featuring an original design to prevent condensation also helps prevent staining and makes cleaning easier.
- A long-life filter (maintenance free up to one year*) is equipped as standard accessory.

* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m³



Concealed Floor Standing Type

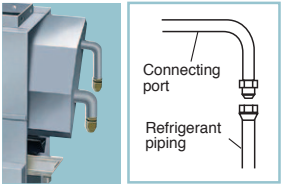
FXNQ20MA / FXNQ25MA
FXNQ32MA / FXNQ40MA
FXNQ50MA / FXNQ63MA



Designed to be concealed in the perimeter skirting-wall

- The unit is concealed in skirting-wall of perimeter, that enables to create high class interior design.
- The connecting port faces downward, greatly facilitating on-site piping work.
- A long-life filter (maintenance free up to one year*) is equipped as standard accessory.

* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m³



* Applies also to Floor Standing type (FXLQ-MA).



VRV Indoor Units

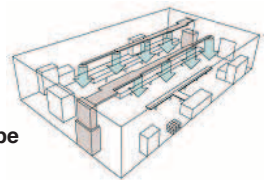
Floor Standing Duct Type

New

FXVQ125M / FXVQ200M
FXVQ250M / FXVQ400M
FXVQ500M

Large air volume type for large spaces.
Flexible interior design for each tenant.

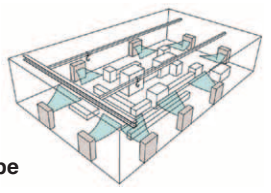
- Large airflow type that fits for spacious areas such as factories and large stores.
- Various installations can be supported from full-scale duct connection airflow to direct airflow that allows for easy installation.
- Full-scale duct connection airflow allows for air conditioning evenly in spacious areas.



Duct connection airflow type

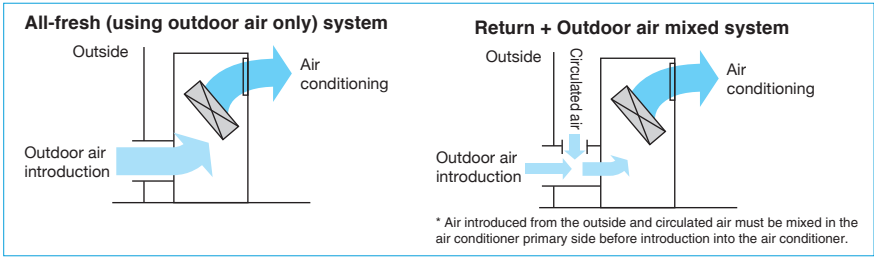
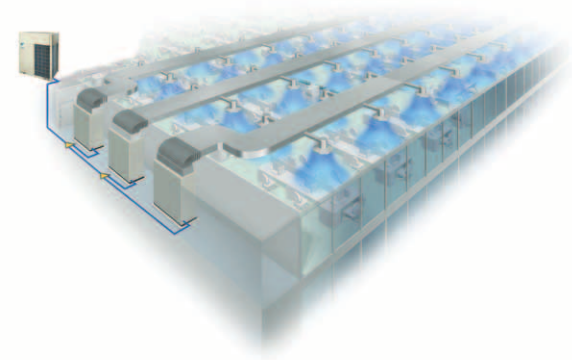
- Adding the plenum chamber (option) allows for simple operation with direct airflow.

* Note that the operation sound increases by approximately 5 dB(A).



Direct airflow type

- The high static pressure type driven by the belt drive system allows for use of air discharge outlets in various shapes as well as long ducts. Highly flexible installation is possible.
- Design with high maintainability that allows major services and maintenance services to be performed at the front.
- A long-life filter (maintenance free up to one year*) is equipped as a standard accessory.
* 8 hr/day, 26 day/month. For dust concentration of 0.15 mg/m³
- A wide range of optional accessories are available such as high-efficiency filters.



New

Residential Indoor Units with connection to BP units

Ceiling Mounted Cassette Type

FCQ35B / FCQ50B
FCQ60B / FCQ71B



Option
Note: Remote controller cables not included. Cables should be obtained locally.



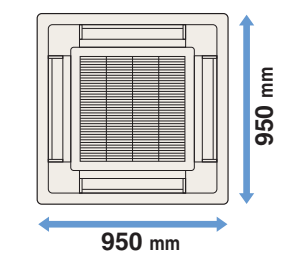
Option



Signal receiver unit
Note: Wireless remote controllers and signal receiver units are sold as a set.

Specially designed for false ceilings
—for a smooth, modern interior finish

- All models feature a decoration panel with the same compact size and simple design for easier planning of lighting systems and harmonising of interior décor.



Same for all models

Decoration panel is optional

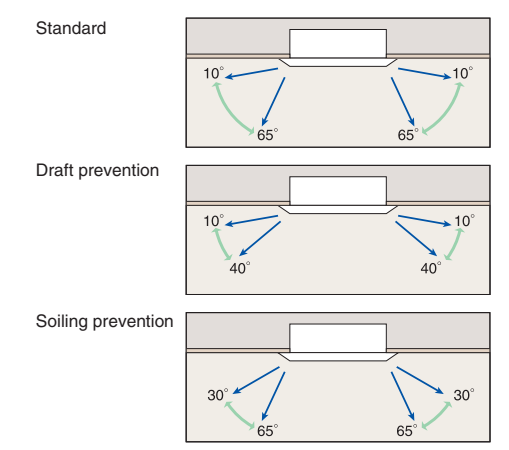
- The indoor units weigh only 24 kg and require an installation space with a height of just 245 mm.



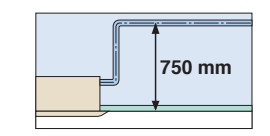
- Low operation sound level

(H/L)			
FCQ35B	FCQ50B	FCQ60B	FCQ71B
33/29 dB (A)	33/29 dB (A)	35/30 dB (A)	35/30 dB (A)

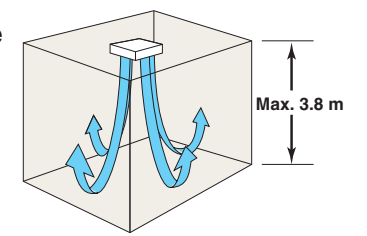
- Three convenient patterns for auto-swing operation



- Drain pump is equipped as standard with 750 mm.



- These models have the power to provide a comfortable airflow even with a ceiling height of up to 3.8 m.



New Residential Indoor Units with connection to BP units

Ceiling Mounted Cassette (Compact Multi Flow) Type

FFQ25K / FFQ35K
FFQ50K / FFQ60K



Option
Note: Remote controller cables not included. Cables should be obtained locally.



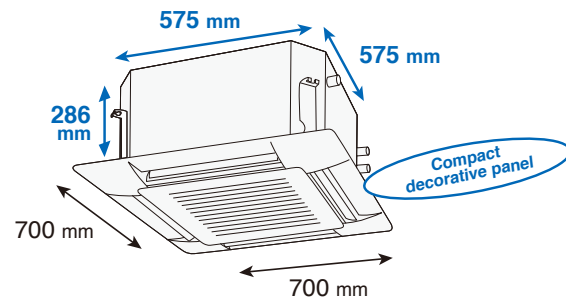
Option



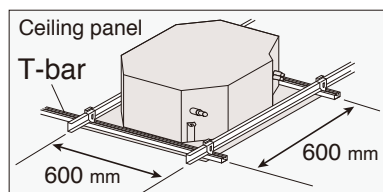
Signal receiver unit
Note: Wireless remote controllers and signal receiver units are sold as a set.

Quiet, compact, and designed for user comfort

- Designed to fit 600 mm wide ceiling grids



- T-bar grid does not need to be cut.

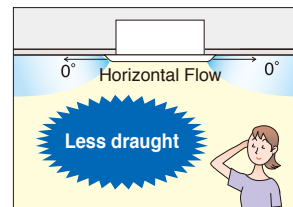


- Low operation sound level

(H/L)

FFQ25K	FFQ35K	FFQ50K	FFQ60K
33/27 dB (A)	36/28 dB (A)	40/30 dB (A)	44/35 dB (A)

- Low draft performance is designed for your comfort.



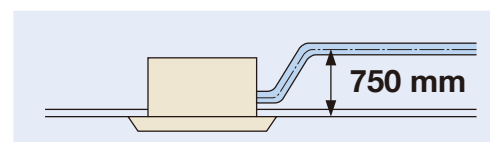
- Comfortable across all areas

Conditioned air is distributed evenly by Auto-swing operation. Adjustable airflow angle to suit all room conditions.

	AUTO-SWING	5 direction
Standard setting	Auto-swing between 0° and 60°	Settable to 5 different levels between 0° and 60°
Draft prevention setting (Set on site)	Auto-swing between 0° and 35°	Settable to 5 different levels between 0° and 35°
Setting to prevent soiling of ceiling (Set on site)	Auto-swing between 25° and 60°	Settable to 5 different levels between 25° and 60°

Note: Angles shown above are provided as a guide. They may differ depending on the installation site.

- Drain pump is equipped as standard accessory with 750 mm lift.



Slim Ceiling Mounted Duct Type

<700 mm width type>
CDKS25K / CDKS35K
<900/1,100 mm width type>
CDKS50K / CDKS60K



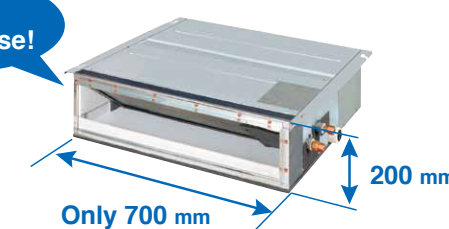
Standard accessory
Note: Remote controllers other than the standard accessory wireless remote controller cannot be used.

Slim and smooth design suits your shallow ceiling

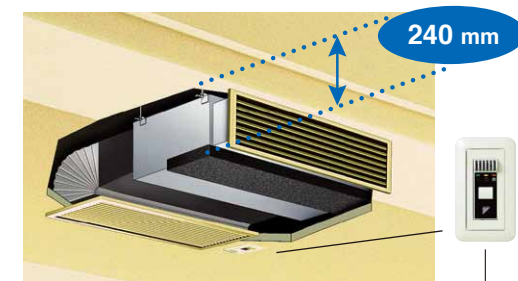
- Models in the CDKS25/35K series are only 700 mm in width and 21 kg in weight, so are easily installed in limited spaces. Just 200 mm in height, all models can be installed in rooms with as little as 240 mm depth between the drop ceiling and ceiling slab, making them ideal for even shallow ceilings.

Great for hotel use!

CDKS25/35K



	CDKS25K	CDKS35K
Dimensions (H x W x D)	200 x 700 x 620 mm	
Weight	21 kg	
Airflow rate (H)	8.7 m³/min	
External static pressure	30 Pa	



Signals from the wireless remote controller are transmitted to the signal receiver.

- Low operation sound level

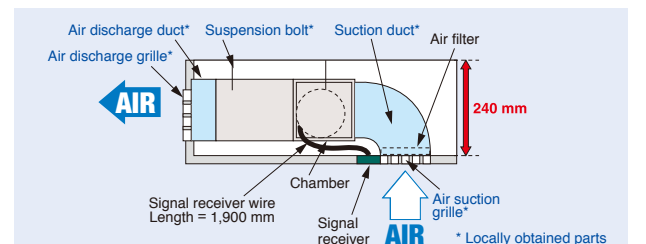
(H/L/SL)

CDKS25	CDKS35	CDKS50	CDKS60
35/31/29 dB (A)	35/31/29 dB (A)	37/33/31 dB (A)	38/34/32 dB (A)

- Home Leave Operation prevents large rises or falls in the indoor temperature by continuing operation* while you are sleeping or out of your home. This means that an air-conditioned welcome awaits when you wake or return. It also means that the indoor temperature can quickly return to your favourite comfort setting.

* Home Leave Operation can be selected for any temperature from 18 to 32°C for cooling operation.

* Home Leave Operation function must be set using the remote controller when going to sleep or leaving the house, and after waking up or returning home.



- Notes:
- To prevent an increase in operation noise, avoid installing the air suction grille directly below the suction chamber.
 - Grilles, piping connections, ducts, and installation parts should be obtained locally. Slim Ceiling Mounted Duct type FDKS models do not have drain-up pumps.
 - The signal receiver unit must be located near the air suction inlet, because the unit includes a sensor that detects room temperature.

New

Residential Indoor Units with connection to BP units

Wall Mounted Type

- FTKS25K / FTKS35K
- FTKS50K / FTKS60K / FTKS71K



* Remote controllers other than the standard accessory wireless remote controller cannot be used.

Stylish flat panel harmonises with your interior décor

•Wall Mounted indoor units achieve quiet sound levels of 22 dB (A).

FTKS25K	FTKS35K	FTKS50K	FTKS60K	FTKS71K
37/25/22 dB (A)	39/26/23 dB (A)	44/35/32 dB (A)	45/36/33 dB (A)	46/37/34 dB (A)

•Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by 2°C for energy savings.

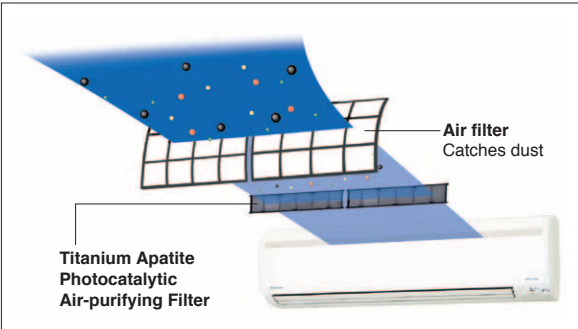


•3-D Airflow combines Vertical and Horizontal Auto-Swing to circulate air to every part of a room for uniform cooling of even large spaces.



* This function is available for FTKS50/60/71K.

•Titanium apatite is a photocatalytic material with high adsorption power. Titanium apatite also effectively adsorbs and decomposes bacteria across its entire surface. The photocatalyst is activated simply by exposure to light.



These filters are not medical devices. Benefits such as the adsorption and decomposition of bacteria are only effective for substances that are collected on and in direct contact with the Titanium Apatite Photocatalytic Air-Purifying Filter.

Bacteria Removal Test
Testing method: dropping method
Result certificate: No. 012553-1 and 012553-2
Testing organisation: Japan Spinners Inspecting Foundation



VRV Indoor Units

Ceiling Mounted Cassette (Round Flow with Sensing) Type



MODEL			FXFQ25SVM	FXFQ32SVM	FXFQ40SVM	FXFQ50SVM
Power supply			1-phase, 220-240 V/220-230 V, 50/60 Hz			
Cooling capacity		kcal/h	2,400	3,100	3,900	4,800
		Btu/h	9,600	12,300	15,400	19,100
		kW	2.8	3.6	4.5	5.6
Power consumption	Cooling	kW	0.031	0.031	0.041	0.080
Casing			Galvanised steel plate			
Airflow rate (H/M/L)		m³/min	12.5/11.5/10.0	12.5/11.5/10.0	14.5/13.0/11.0	22.0/17.5/13.5
		cfm	441/406/353	441/406/353	512/459/388	777/618/477
Sound level(H/M/L)		dB(A)	30/28.5/27	30/28.5/27	31/29/27	36/32/28
Dimensions (HxWxD)		mm	246x840x840			
Machine weight		kg	19			23
Piping connections	Liquid (Flare)	mm	ϕ6.4			
	Gas (Flare)		ϕ12.7			
	Drain		I.D. ϕ25xO.D. ϕ32(VP25)			
Panel (Option)	Model		BYCQ125B-W1			
	Colour		Fresh white			
	Dimensions(HxWxD)	mm	50x950x950			
	Weight	kg	5.5			

MODEL			FXFQ63SVM	FXFQ80SVM	FXFQ100SVM	FXFQ125SVM
Power supply			1-phase, 220-240 V/220-230 V, 50/60 Hz			
Cooling capacity		kcal/h	6,100	7,700	9,600	12,000
		Btu/h	24,200	30,700	38,200	47,800
		kW	7.1	9.0	11.2	14.0
Power consumption	Cooling	kW	0.095	0.095	0.194	0.219
Casing			Galvanised steel plate			
Airflow rate (H/M/L)		m³/min	23.5/18.5/13.5	23.5/19.5/15.0	33.0/26.0/19.0	34.5/27.5/21.0
		cfm	830/653/477	830/688/530	1,165/918/671	1,218/971/741
Sound level(H/M/L)		dB(A)	38/33/28	38/35/31	44/38/32	45/40/35
Dimensions (HxWxD)		mm	246x840x840		288x840x840	
Machine weight		kg	23		26	
Piping connections	Liquid (Flare)	mm	ϕ9.5			
	Gas (Flare)		ϕ15.9			
	Drain		I.D. ϕ25xO.D. ϕ32(VP25)			
Panel (Option)	Model		BYCQ125B-W1			
	Colour		Fresh white			
	Dimensions(HxWxD)	mm	50x950x950			
	Weight		kg	5.5		

VRV Indoor Units

Ceiling Mounted Cassette (Round Flow) Type



MODEL		FXFQ25PVE	FXFQ32PVE	FXFQ40PVE	FXFQ50PVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	kcal/h	2,400	3,100	3,900	4,800
	Btu/h	9,600	12,300	15,400	19,100
	kW	2.8	3.6	4.5	5.6
Power consumption	Cooling	kW	0.032	0.042	0.050
Casing		Galvanised steel plate			
Airflow rate (HH/H/L)	m³/min	13/11.5/10	13/11.5/10	15/13/11	16/13.5/11
	cfm	459/406/353	459/406/353	530/459/388	565/477/388
Sound level (HH/H/L)	dB(A)	30/28.5/27	30/28.5/27	31/29/27	32/29.5/27
Dimensions (HxWxD)	mm	246X840X840			
Machine weight	kg	19.5			
Piping connections	Liquid (Flare)	φ6.4			
	Gas (Flare)	φ12.7			
	Drain	VP25 (External Dia, 32/Internal Dia, 25)			
Panel (Option)	Model	BYCP125K-W1			
	Colour	Fresh white			
	Dimensions(HxWxD)	mm	50x950x950		
	Weight	kg	5.5		

MODEL			FXFQ63PVE	FXFQ80PVE	FXFQ100PVE	FXFQ125PVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity		kcal/h	6,100	7,700	9,600	12,000
		Btu/h	24,200	30,700	38,200	47,800
		kW	7.1	9.0	11.2	14.0
Power consumption	Cooling	kW	0.063	0.092	0.186	0.208
Casing			Galvanised steel plate			
Airflow rate (HH/H/L)		m³/min	19/16.5/13.5	21/18/15	32/26/20	33/28/22.5
		cfm	671/583/477	742/636/530	1,130/918/706	1,165/989/794
Sound level (HH/H/L)		dB(A)	34/31/28	36/33.5/31	43/37.5/32	44/39/34
Dimensions (HxWxD)		mm	246X840X840		288X840X840	
Machine weight		kg	22		25	
Piping connections	Liquid (Flare)	mm	φ9.5			
	Gas (Flare)		φ15.9			
	Drain		VP25 (External Dia, 32/Internal Dia, 25)			
Panel (Option)	Model		BYCP125K-W1			
	Colour		Fresh white			
	Dimensions(HxWxD)	mm	50x950x950			
	Weight		kg	5.5		

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5m downward from the unit centre.

Ceiling Mounted Cassette (Compact Multi Flow) Type



MODEL		FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ240MVE	FXZQ50MVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	kcal/h	1,900	2,400	3,100	3,900	4,800
	Btu/h	7,500	9,600	12,300	15,400	19,100
	kW	2.2	2.8	3.6	4.5	5.6
Power consumption	Cooling	kW	0.075	0.080	0.095	0.128
Casing		Galvanised steel plate				
Airflow rate (H/L)	m³/min	9/7	9.5/7.5	11/8	14/10	
	cfm	318/247	335/265	388/282	493/353	
Sound level (H/L)	dB(A)	32/29	33/29	36/30	41/34	
Dimensions (HxWxD)	mm	286x575x575				
Machine weight	kg	18				
Piping connections	Liquid (Flare)	φ6.4				
	Gas (Flare)	φ12.7				
	Drain	VP20 (External Dia, 26/Internal Dia, 20)				
Panel (Option)	Model	BYFQ60B8W1				
	Colour	White (6.5Y9.5/0.5)				
	Dimensions(HxWxD)	mm	55x700x700			
	Weight	kg	2.7			

4-way Flow Ceiling Suspended Type



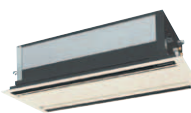
MODEL		FXUQ71AVEB	FXUQ100AVEB
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz	
Cooling capacity	kcal/h	6,900	9,600
	Btu/h	27,300	38,200
	kW	8.0	11.2
Power consumption	Cooling	kW	0.090
Casing colour		Fresh white	
Airflow rate (H/M/L)	m³/min	22.5/19.5/16	31/26/21
	cfm	794/688/565	1,094/918/741
Sound level (H/M/L)	dB(A)	40/38/36	47/44/40
Dimensions (HxWxD)	mm	198x950x950	
Machine weight	kg	26	27
Piping connections	Liquid (Flare)	φ9.5	
	Gas (Flare)	φ15.9	
	Drain	VP20 (External Dia, 26/Internal Dia, 20)	

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

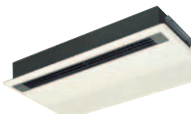
VRV Indoor Units

Ceiling Mounted Cassette (Double Flow) Type



MODEL		FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE	
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz								
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	7,700	12,000
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	30,700	47,800
		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Power consumption	Cooling	kW	0.081	0.095	0.095	0.132	0.132	0.157	0.216	0.278
Casing		Galvanised steel plate								
Airflow rate (H/L)		m³/min	7/5	9/6.5	9/6.5	12/9	12/9	16.5/13	26/21	33/25
		cfm	247/177	318/230	318/230	424/318	424/318	582/459	918/741	1,165/883
Sound level (H/L)		dB(A)	32/27	34/28	34/28	34/29	34/29	37/32	39/34	44/38
Dimensions (H×W×D)		mm	305×775×600	305×775×600	305×775×600	305×990×600	305×990×600	305×1,175×600	305×1,665×600	305×1,665×600
Machine weight		kg	26.0	26.0	26.0	31.0	32.0	35.0	47.0	48.0
Piping connections	Liquid (Flare)	mm	φ6.4	φ6.4	φ6.4	φ6.4	φ6.4	φ9.5	φ9.5	φ9.5
	Gas (Flare)		φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ15.9	φ15.9	φ15.9
	Drain	VP25 (External Dia, 32/Internal Dia, 25)								
Panel (Option)	Model	BYBC32G-W1				BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
	Colour	White (10Y9/0.5)								
	Dimensions(H×W×D)	mm	53×1,030×680	53×1,030×680	53×1,030×680	53×1,245×680	53×1,245×680	53×1,430×680	53×1,920×680	53×1,920×680
	Weight	kg	8.0	8.0	8.0	8.5	8.5	9.5	12.0	12.0

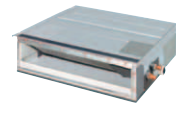
Ceiling Mounted Cassette Corner Type



MODEL		FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	kcal/h	2,400	3,100	3,900	6,100
	Btu/h	9,600	12,300	15,400	24,200
Power consumption	Cooling	kW	2.8	3.6	4.5
			0.069	0.069	0.092
Casing		Galvanised steel plate			
Airflow rate (H/L)	m³/min	11/8.5	11/8.5	13/10	18/13
	cfm	388/300	388/300	459/353	635/459
Sound level (H/L)	dB(A)	38/33	38/33	40/34	42/37
Dimensions (HxWxD)	mm	215x1,110x710	215x1,110x710	215x1,110x710	215x1,310x710
Machine weight	kg	31	31	31	34
Piping connections	Liquid (Flare)	mm	φ 6.4	φ 6.4	φ 9.5
	Gas (Flare)	mm	φ 12.7	φ 12.7	φ 15.9
	Drain		VP25 (External Dia, 32/Internal Dia, 25)		
Panel (Option)	Model		BYK45FJW1		BYK71FJW1
	Colour		White (10Y9/0.5)		
	Dimensions(HxWxD)	mm	70x1,240x800	70x1,240x800	70x1,440x800
	Weight	kg	8.5	8.5	9.5

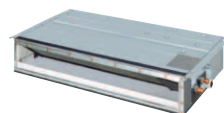
Note: Specifications are based on the following conditions:
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.
(See Engineering Data Book for details.)
•Sound level: (FXCQ-M) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
(FXKQ-MA) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Slim Ceiling Mounted Duct Type (700 mm width type)



MODEL	with drain pump		FXDQ20PBVE	FXDQ25PBVE	FXDQ32PBVE
	without drain pump		FXDQ20PBVET	FXDQ25PBVET	FXDQ32PBVET
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	kcal/h		1,900	2,400	3,100
	Btu/h		7,500	9,600	12,300
Power consumption	Cooling	kW	2.2	2.8	3.6
			0.092	0.092	0.095
Power consumption (FXDQ-PBVE) *1	Cooling	kW	0.073	0.073	0.076
			0.073	0.073	0.076
Casing		Galvanised steel plate			
Airflow rate (HH/H/L)	m³/min		8.0/7.2/6.4	8.0/7.2/6.4	8.0/7.2/6.4
	cfm		282/254/226	282/254/226	282/254/226
External static pressure	Pa		30-10 *2		
Sound level (HH/H/L) *1*3	dB(A)		33/31/29	33/31/29	33/31/29
Dimensions (HxWxD)	mm		200x700x620	200x700x620	200x700x620
Machine weight	kg		23.0	23.0	23.0
Piping connections	Liquid (Flare)	mm	φ 6.4	φ 6.4	φ 6.4
	Gas (Flare)	mm	φ 12.7	φ 12.7	φ 12.7
	Drain		VP20 (External Dia, 26/Internal Dia, 20)		

Slim Ceiling Mounted Duct Type (900/1,100 mm width type)



MODEL	with drain pump		FXDQ40NBVE	FXDQ50NBVE	FXDQ63NBVE
	without drain pump		FXDQ40NBVET	FXDQ50NBVET	FXDQ63NBVET
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	kcal/h		3,900	4,800	6,100
	Btu/h		15,400	19,100	24,200
Power consumption	Cooling	kW	4.5	5.6	7.1
			0.182	0.185	0.192
Power consumption (FXDQ-NBVE) *1	Cooling	kW	0.168	0.170	0.179
			0.168	0.170	0.179
Casing		Galvanised steel plate			
Airflow rate (HH/H/L)	m³/min		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	cfm		371/335/300	441/388/353	583/512/459
External static pressure	Pa		44-15 *2		
Sound level (HH/H/L) *1*3	dB(A)		34/32/30	35/33/31	36/34/32
Dimensions (HxWxD)	mm		200x900x620	200x900x620	200x1,100x620
Machine weight	kg		27.0	28.0	31.0
Piping connections	Liquid (Flare)	mm	φ 6.4	φ 6.4	φ 6.4
	Gas (Flare)	mm	φ 12.7	φ 12.7	φ 12.7
	Drain		VP20 (External Dia, 26/Internal Dia, 20)		

Note: Specifications are based on the following conditions:
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.
(See Engineering Data Book for details.)
•Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
* 1: Values are based on the following conditions: FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.
* 2: External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factory setting is 10 Pa for FXDQ-PB models and 15 Pa for FXDQ-NB models.)
* 3: The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).

VRV Indoor Units

Ceiling Mounted Duct Type



MODEL		FXMQ20PVE	FXMQ25PVE	FXMQ32PVE	FXMQ40PVE	FXMQ50PVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	kcal/h	1,900	2,400	3,100	3,900	4,800
	Btu/h	7,500	9,600	12,300	15,400	19,100
	kW	2.2	2.8	3.6	4.5	5.6
Power consumption	Cooling	kW	0.056 *1	0.056*1	0.059*1	0.150*1
Casing		Galvanised steel plate				
Airflow rate (HH/H/L)	m³/min	9/7.5/6.5	9/7.5/6.5	9.5/8/7	16/13/11	18/16.5/15
	cfm	318/265/230	318/265/230	335/282/247	565/459/388	635/582/530
External static pressure	Pa	30-100 (50) *2	30-100 (50) *2	30-100 (50) *2	30-160 (100) *2	50-200 (100) *2
Sound level (HH/H/L)	dB(A)	33/31/29	33/31/29	34/32/30	39/37/35	41/39/37
Dimensions (H×W×D)	mm	300×550×700	300×550×700	300×550×700	300×700×700	300×1,000×700
Machine weight	kg	25	25	25	28	36
Piping connections	Liquid (Flare)	mm	φ 6.4	φ 6.4	φ 6.4	φ 6.4
	Gas (Flare)	mm	φ 12.7	φ 12.7	φ 12.7	φ 12.7
	Drain	VP25 (External Dia, 32/Internal Dia, 25)				

MODEL		FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	kcal/h	6,100	7,700	9,600	12,000	13,800
	Btu/h	24,200	30,700	38,200	47,800	54,600
	kW	7.1	9.0	11.2	14.0	16.0
Power consumption	Cooling	kW	0.138 *1	0.184*1	0.214*1	0.283*1
Casing		Galvanised steel plate				
Airflow rate (HH/H/L)	m³/min	19.5/17.5/16	25/22.5/20	32/27/23	39/33/28	46/39/32
	cfm	688/618/565	883/794/706	1,130/953/812	1,377/1,165/988	1,624/1,377/1,130
External static pressure	Pa	50-200 (100) *2	50-200 (100) *2	50-200 (100) *2	50-200 (100) *2	50-140 (100) *2
Sound level (HH/H/L)	dB(A)	42/40/38	43/41/39	43/41/39	44/42/40	46/45/43
Dimensions (H×W×D)	mm	300×1,000×700	300×1,000×700	300×1,400×700	300×1,400×700	300×1,400×700
Machine weight	kg	36	36	46	46	47
Piping connections	Liquid (Flare)	mm	φ 9.5	φ 9.5	φ 9.5	φ 9.5
	Gas (Flare)	mm	φ 15.9	φ 15.9	φ 15.9	φ 15.9
	Drain	VP25 (External Dia, 32/Internal Dia, 25)				

Note: Specifications are based on the following conditions;
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.
(See Engineering Data Book for details.)
•Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
* 1: Power consumption values are based on conditions of rated external static pressure.
* 2: External static pressure can be modified using a remote controller that offers seven (FXMQ20-32P), thirteen (FXMQ40P), fourteen (FXMQ50-125P) or ten (FXMQ140P) levels of control. These values indicate the lowest and highest possible static pressures. The rated static pressure is shown with (). The factory setting is the rated value.

Ceiling Mounted Duct Type



MODEL		FXMQ200MAVE	FXMQ250MAVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz	
Cooling capacity	kcal/h	19,300	24,100
	Btu/h	76,400	95,500
	kW	22.4	28.0
Power consumption	Cooling	kW	1.490 *1
Casing		Galvanised steel plate	
Airflow rate (H/L)	m³/min	58/50	72/62
	cfm	2,047/1,765	2,542/2,189
External static pressure	Pa	132-270 *2	142-270 *2
Sound level (H/L)	220 V	dB(A)	48/45
	240 V	dB(A)	49/46
Dimensions (H×W×D)	mm	470×1,380×1,100	470×1,380×1,100
Machine weight	kg	137	137
Piping connections	Liquid (Flare)	mm	φ 9.5
	Gas (Brazing)	mm	φ 19.1
	Drain	PS1B	

Ceiling Suspended Type



MODEL		FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz		
Cooling capacity	kcal/h	3,100	6,100	9,600
	Btu/h	12,300	24,200	38,200
	kW	3.6	7.1	11.2
Power consumption	Cooling	kW	0.142	0.145
Casing		White (10Y9/0.5)		
Airflow rate (H/L)	m³/min	12/10	17.5/14	25/19.5
	cfm	424/353	618/494	883/688
Sound level (H/L)	dB(A)	36/31	39/34	45/37
Dimensions (H×W×D)	mm	195×960×680	195×1,160×680	195×1,400×680
Machine weight	kg	24.0	28.0	33.0
Piping connections	Liquid (Flare)	mm	φ 6.4	φ 9.5
	Gas (Flare)	mm	φ 12.7	φ 15.9
	Drain	VP20 (External Dia, 26/Internal Dia, 20)		

Note: Specifications are based on the following conditions;
• Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
• Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.
(See Engineering Data Book for details.)
• Sound level: (FXMQ-MA) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
(FXHQ-MA) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
During actual operation, these values are normally somewhat higher as a result of ambient conditions
* 1: Power consumption values are based on conditions of standard external static pressure.
* 2: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "Standard-High static pressure".

VRV Indoor Units

Wall Mounted Type

MODEL			FXAQ20PVE	FXAQ25PVE	FXAQ32PVE	FXAQ40PVE	FXAQ50PVE	FXAQ63PVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
		kW	2.2	2.8	3.6	4.5	5.6	7.1
Power consumption	Cooling	kW	0.019	0.028	0.030	0.020	0.033	0.050
Casing			White (3.0Y8.5/0.5)					
Airflow rate (H/L)		m³/min	7.5/4.5	8/5	8.5/5.5	12/9	15/12	19/14
		cfm	265/159	282/177	300/194	424/318	530/424	671/494
Sound level (H/L)		dB(A)	35/31	36/31	38/31	39/34	42/37	47/41
Dimensions (H×W×D)		mm	290×795×238	290×795×238	290×795×238	290×1,050×238	290×1,050×238	290×1,050×238
Machine weight		kg	11.0	11.0	11.0	14.0	14.0	14.0
Piping connections	Liquid (Flare)	mm	φ6.4	φ6.4	φ6.4	φ6.4	φ6.4	φ9.5
	Gas (Flare)		φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ15.9
	Drain		VP13 (External Dia, 18/Internal Dia, 13)					

Floor Standing Type/Concealed Floor Standing Type

MODEL			FXLQ20MAVE	FXLQ25MAVE	FXLQ32MAVE	FXLQ40MAVE	FXLQ50MAVE	FXLQ63MAVE
			FXNQ20MAVE	FXNQ25MAVE	FXNQ32MAVE	FXNQ40MAVE	FXNQ50MAVE	FXNQ63MAVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
		kW	2.2	2.8	3.6	4.5	5.6	7.1
Power consumption	Cooling	kW	0.047	0.047	0.079	0.084	0.105	0.108
Casing			FXLQ: Ivory white (5Y7.5/1)/FXNQ: Galvanised steel plate					
Airflow rate (H/L)		m³/min	7/6	7/6	8/6	11/8.5	14/11	16/12
		cfm	247/212	247/212	282/212	388/300	494/388	565/424
Sound level (H/L)		dB(A)	35/32	35/32	35/32	38/33	39/34	40/35
Dimensions (H×W×D)	FXLQ	mm	600×1,000×222	600×1,000×222	600×1,140×222	600×1,140×222	600×1,420×222	600×1,420×222
	FXNQ		610×930×220	610×930×220	610×1,070×220	610×1,070×220	610×1,350×220	610×1,350×220
Machine weight	FXLQ	kg	25.0	25.0	30.0	30.0	36.0	36.0
	FXNQ		19.0	19.0	23.0	23.0	27.0	27.0
Piping connections	Liquid (Flare)	mm	φ6.4	φ6.4	φ6.4	φ6.4	φ6.4	φ9.5
	Gas (Flare)		φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ15.9
	Drain		21O.D.					

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: (FXAQ-P) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. (FXLQ-MA, FXNQ-MA) Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Floor Standing Duct Type



MODEL			FXVQ125MTLT	FXVQ200MTLT	FXVQ250MTLT	FXVQ400MTLT	FXVQ500MTLT
Power supply			3-phase 3-wire system, 220/230 V, 60 Hz				
Cooling capacity		kcal/h	12,000	19,300	24,100	38,700	48,200
		Btu/h	47,800	76,400	95,500	154,000	191,000
		kW	14.0	22.4	28.0	45.0	56.0
Power consumption	Cooling	kW	0.53	1.06	0.93	2.58	2.84
Casing colour			Ivory white (5Y7.5/1)				
Dimensions (HxWxD)		mm	1,670x750x510	1,670x950x510	1,670x1,170x510	1,900x1,170x720	1,900x1,470x720
Machine weight		kg	115	140	165	210	270
Sound level *1		dB(A)	51	52	53	60	61
Piping connections	Liquid	mm	φ9.5 (Brazing)			φ12.7 (Brazing)	φ15.9 (Brazing)
	Gas	mm	φ15.9 (Brazing)	φ19.1 (Brazing)	φ22.2 (Brazing)	φ28.6 (Brazing)	
	Drain	mm	Rp1 (PS 1B internal thread)				
Air filter	Type		Long-life filter (anti-mould resin net)				
Fan	Motor output	kW	0.75	1.5	1.5	2.2	3.7
	Airflow rate	m³/min	42	63	80	120	165
		cfm	1,483	2,224	2,824	4,236	5,825
	External static pressure *2	Pa	140	170	100	210	178
Drive system			Belt drive system				

Notes: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- *1 Sound level : measured when the air discharge outlet duct (2 m) is attached (anechoic chamber conversion value). It increases by approximately 5 dB(A) when the plenum chamber is installed to deliver direct airflow.
- *2 The value is the external static pressure with standard pulley.

Residential indoor units with connection to BP units

Ceiling Mounted Cassette Type



MODEL		FCQ35BVE	FCQ50BVE	FCQ60BVE	FCQ71BVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Airflow rates (H)	m³/min (cfm)	14.0 (494)	15.0 (530)	19.0 (671)	
Sound levels (H/L)*	dB (A)	33/29		35/30	
Fan speed		2 steps			
Temperature control		Microcomputer control			
Dimensions (H×W×D)	mm	230×840×840			
Machine weight	kg	24			
Piping connections	Liquid (Flare)	mm	φ6.4		φ9.5
	Gas (Flare)		φ9.5	φ12.7	φ15.9
	Drain		I.D ø25×O.D ø32		
Heat insulation		Both liquid and gas pipes			
Panel (Option)	Model	BYC125K-W1			
	Colour	White			
	Dimensions (H×W×D)	mm	40×950×950		
	Weight	kg	5		

Note: * For 220 V operation.

Ceiling Mounted Cassette (Compact Multi Flow) Type

600 x 600



MODEL		FFQ25KVL	FFQ35KVL	FFQ50KVL	FFQ60KVL
Power supply		1-phase, 220 V, 60 Hz			
Airflow rates (H)	m³/min (cfm)	9.0 (318)	10.0 (353)	12.0 (424)	15.0 (530)
Sound levels (H/L)*	dB (A)	33/27	36/28	40/30	44/35
Fan speed		2 steps			
Temperature control		Microcomputer control			
Dimensions (H×W×D)	mm	286×575×575			
Machine weight		kg 17.5			
Piping connections	Liquid (Flare)	mm	φ6.4		
	Gas (Flare)		φ9.5		
	Drain		φ12.7		
		VP20 (External Dia. 26/Internal Dia. 20)			
Heat insulation		Both liquid and gas pipes			
Panel (Option)	Model		BYFQ60B8W1		
	Colour		White		
	Dimensions (H×W×D)	mm	55×700×700		
	Weight		kg 2.7		

Note: * Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

Slim Ceiling Mounted Duct Type



MODEL		CDKS25KVM	CDKS35KVM	CDKS50KVM	CDKS60KVM
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz			
Airflow rates (H)	m³/min (cfm)	8.7 (307)		12.0 (424)	16.0 (565)
Sound levels (H/L/SL)*	dB (A)	35/31/29		37/33/31	38/34/32
Fan speed		5 steps, quiet and automatic			
Temperature control		Microcomputer control			
Dimensions (H×W×D)	mm	200×700×620		200×900×620	200×1,100×620
Machine weight		kg	21	27	30
Piping connections	Liquid (Flare)	mm	φ6.4		
	Gas (Flare)		φ9.5		φ12.7
	Drain		VP20 (External Dia. 26/Internal Dia. 20)		
Heat insulation		Both liquid and gas pipes			
External static pressure		Pa	30	40	

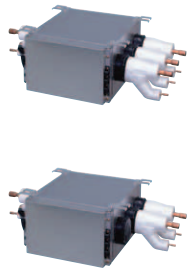
Note: * The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for CDKS25/35 and 40 Pa for CDKS50/60. Sound level values for bottom-suction operation can be obtained by adding 6 dB (A) for CDKS25/35 and 5 dB (A) for CDKS50/60.

Wall Mounted Type



MODEL		FTKS25KVM	FTKS35KVM	FTKS50KVM	FTKS60KVM	FTKS71KVM
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz				
Front panel colour		White				
Airflow rates (H)	m³/min (cfm)	8.7 (307)	8.9 (314)	14.7 (519)	16.2 (572)	17.4 (614)
Sound levels (H/L/SL)	dB (A)	37/25/22	39/26/23	44/35/32	45/36/33	46/37/34
Fan speed		5 steps, quiet and automatic				
Temperature control		Microcomputer control				
Dimensions (H×W×D)		mm	283×800×195		290×1,050×238	
Machine weight		kg	9		12	
Piping connections	Liquid (Flare)	mm	φ6.4			
	Gas (Flare)		φ9.5		φ12.7	φ15.9
	Drain		φ18.0			
Heat insulation		Both liquid and gas pipes				

BP Units for connection to residential indoor units



MODEL				BPMKS967A3		BPMKS967A2	
Power supply				1-phase, 220-240 V/220-230 V, 50/60 Hz			
Number of ports				3 (connectable to 1-3 indoor units)		2 (connectable to 1-2 indoor units)	
Power consumption		W		10			
Running current		A		0.05			
Dimensions (H×W×D)		mm		180×294 (+356*)×350			
Machine weight		kg		8		7.5	
Number of wiring connections				3 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 4 for interunit wiring (BP-indoor unit)			
Piping connections (Brazing)	Liquid	Main	mm	φ 9.5×1			
		Branch	mm	φ 6.4×3		φ 6.4×2	
	Gas	Main	mm	φ 19.1×1			
		Branch	mm	φ 15.9×3		φ 15.9×2	
Heat insulation				Both liquid and gas pipes			
Connectable indoor units				2.5 kW class to 7.1 kW class residential indoor units			
Min. rated capacity of connectable indoor units		kW		2.5			
Max. rated capacity of connectable indoor units		kW		20.8		14.2	

Note: * Total auxiliary piping length.

Outdoor Units

High-COP Type

MODEL			RXQ12THYL(E)	RXQ14THYL(E)	RXQ16THYL(E)	RXQ18THYL(E)	RXQ20THYL(E)	RXQ22THYL(E)	RXQ24THYL(E)				RXQ26THYL(E)	RXQ28THYL(E)	RXQ30THYL(E)	RXQ32THYL(E)	RXQ34THYL(E)	RXQ36THYL(E)	RXQ38THYL(E)	RXQ40THYL(E)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</		

Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.


2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

High-COP Type

						
MODEL		RXQ42THYL(E)	RXQ44THYL(E)	RXQ46THYL(E)	RXQ48THYL(E)	RXQ50THYL(E)
Combination units		RXQ14TYL(E)	RXQ14TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)
		RXQ14TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)
		RXQ14TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)
Power supply		3-phase 4-wire system, 380 V, 60 Hz				
Cooling capacity	kcal/h	103,000	108,000	112,000	116,000	120,000
	Btu/h	409,000	427,000	444,000	461,000	478,000
	kW	120	125	130	135	140
Power consumption	kW	32.7	34.8	36.9	39.0	41.4
Capacity control	%	4-100	3-100	3-100	3-100	3-100
Casing colour		Ivory white (5Y7.5/1)				
Compressor	Type		Hermetically Sealed Scroll Type			
	Motor output	kW	(2.9X1)+(3.3X1)+(2.9X1)+(3.3X1)	(2.9X1)+(3.3X1)+(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)	(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)+(3.6X1)+(3.7X1)+(3.6X1)+(3.7X1)	(3.6X1)+(3.7X1)+(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)
Airflow rate		m³/min	233+233+233	233+233+233	233+233+233	233+233+233
Dimensions (HxWxD)		mm	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)
Machine weight		kg	285+285+285	285+285+285	285+285+285	285+285+285
Sound level		dB(A)	65	65	65	66
Operation range		°CDB	-5 to 43			
Refrigerant	Type		R-410A			
	Charge	kg	10.3+10.3+10.3	10.3+10.3+10.4	10.3+10.4+10.4	10.4+10.4+10.5
Piping connections	Liquid	mm	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)
	Gas	mm	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)


Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Standard Type

						
MODEL		RXQ6TYL(E)	RXQ8TYL(E)	RXQ10TYL(E)	RXQ12TYL(E)	RXQ14TYL(E) RXQ16TYL(E)
Combination units		—	—	—	—	—
Power supply		3-phase 4-wire system, 380 V, 60 Hz				
Cooling capacity	kcal/h	13,800	19,300	24,100	28,800	34,400 38,700
	Btu/h	54,600	76,400	95,500	114,000	136,000 154,000
	kW	16.0	22.4	28.0	33.5	40.0 45.0
Power consumption	kW	3.63	5.21	7.29	9.01	10.9 13.0
Capacity control	%	20-100	20-100	16-100	15-100	11-100 10-100
Casing colour		Ivory white (5Y7.5/1)				
Compressor	Type		Hermetically Sealed Scroll Type			
	Motor output	kW	2.4X1	3.4X1	4.1X1 5.2X1	(2.9X1)+(3.3X1) (3.6X1)+(3.7X1)
Airflow rate		m³/min	119	157	165 178	233 233
Dimensions (HxWxD)		mm	1,657X930X765	1,657X930X765	1,657X930X765	1,657X1,240X765 1,657X1,240X765
Machine weight		kg	185	185	195 195	285 285
Sound level		dB(A)	55	56	57 59	60 61
Operation range		°CDB	-5 to 43			
Refrigerant	Type		R-410A			
	Charge	kg	5.9	5.9	6.0 6.3	10.3 10.4
Piping connections	Liquid	mm	φ 9.5 (Brazing)		φ 12.7 (Brazing)	
	Gas	mm	φ 19.1 (Brazing)		φ 22.2 (Brazing) φ 28.6 (Brazing)	

Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

Standard Type

MODEL			RXQ18TNYL(E)	RXQ20TNYL(E)	RXQ22TNYL(E)	RXQ24TNYL(E)	RXQ26TNYL(E)	RXQ28TNYL(E)	RXQ30TNYL(E)			RXQ32TNYL(E)	RXQ34TNYL(E)	RXQ36TNYL(E)	RXQ38TNYL(E)	RXQ40TNYL(E)	RXQ42TNYL(E)	RXQ44TNYL(E)	RXQ46TNYL(E)							
Combination units			RXQ8TYL(E)	RXQ8TYL(E)	RXQ8TYL(E)	RXQ10TYL(E)	RXQ12TYL(E)	RXQ14TYL(E)	RXQ14TYL(E)			RXQ14TYL(E)	RXQ10TYL(E)	RXQ12TYL(E)	RXQ8TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ14TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ14TYL(E)
			RXQ10TYL(E)	RXQ12TYL(E)	RXQ14TYL(E)	RXQ14TYL(E)	RXQ14TYL(E)	RXQ14TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)			RXQ18TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)
			—	—	—	—	—	—	—	—			—	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ18TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)	
Power supply			3-phase 4-wire system, 380 V, 60 Hz									3-phase 4-wire system, 380 V, 60 Hz														
Cooling capacity		kcal/h	43,300	48,100	53,700	58,500	63,200	68,800	73,100			77,400	81,700	86,900	91,200	96,300	102,000	107,000	112,000							
		Btu/h	172,000	191,000	213,000	232,000	251,000	273,000	290,000			307,000	324,000	345,000	362,000	382,000	406,000	423,000	444,000							
		kW	50.4	55.9	62.4	68.0	73.5	80.0	85.0			90.0	95.0	101	106	112	119	124	130							
Power consumption	kW	12.5	14.2	16.1	18.2	19.9	21.8	23.9			26.3	25.3	27.0	29.6	31.0	32.9	35.0	37.2								
Capacity control	%	8-100	8-100	7-100	6-100	6-100	5-100	5-100			5-100	5-100	5-100	4-100	4-100	4-100	4-100	3-100								
Casing colour			Ivory white (5Y7.5/1)									Ivory white (5Y7.5/1)														
Compressor	Type		Hermetically Sealed Scroll Type									Hermetically Sealed Scroll Type														
	Motor output	kW	(3.4X1)+ (4.1X1)	(3.4X1)+ (5.2X1)	(3.4X1)+ (2.9X1)+ (3.3X1)	(4.1X1)+ (2.9X1)+ (3.3X1)	(5.2X1)+ (2.9X1)+ (3.3X1)	(2.9X1)+(3.3X1)+ (2.9X1)+(3.3X1)	(2.9X1)+(3.3X1)+ (3.6X1)+(3.7X1)			(2.9X1)+(3.3X1)+ (4.4X1)+(4.0X1)	(4.1X1)+(5.2X1)+ (5.2X1)	(5.2X1)+(5.2X1)+ (5.2X1)	(3.4X1)+(5.2X1)+ (4.4X1)+(4.0X1)	(5.2X1)+(5.2X1)+ (3.6X1)+(3.7X1)	(5.2X1)+(2.9X1)+ (3.3X1)+(3.6X1)+ (3.7X1)	(5.2X1)+(3.6X1)+ (3.7X1)	(2.9X1)+(3.3X1)+ (2.9X1)+(3.3X1)+ (4.4X1)+(4.0X1)							
Airflow rate		m³/min	157+165	157+178	157+233	165+233	178+233	233+233	233+233			233+233	165+178+178	178+178+178	157+178+233	178+178+233	178+233+233	178+233+233	233+233+233							
Dimensions (HxWxD)		mm	(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)			(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x930x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)						
Machine weight		kg	185+195	185+195	185+285	195+285	195+285	285+285	285+285			285+285	195+195+195	195+195+195	185+195+285	195+195+285	195+285+285	195+285+285	285+285+285							
Sound level		dB(A)	60	61	61	62	63	63	64			64	63	64	64	65	65	65	66							
Operation range		°CDB	-5 to 43									-5 to 43														
Refrigerant	Type		R-410A									R-410A														
	Charge	kg	5.9+6.0	5.9+6.3	5.9+10.3	6.0+10.3	6.3+10.3	10.3+10.3	10.3+10.4			10.3+10.5	6.0+6.3+6.3	6.3+6.3+6.3	5.9+6.3+10.5	6.3+6.3+10.4	6.3+10.3+10.4	6.3+10.4+10.4	10.3+10.3+10.5							
Piping connections	Liquid	mm	φ15.9 (Brazing)	φ15.9 (Brazing)	φ15.9 (Brazing)	φ15.9 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)			φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)	φ19.1 (Brazing)							
	Gas	mm	φ28.6 (Brazing)	φ28.6 (Brazing)	φ28.6 (Brazing)	φ34.9 (Brazing)	φ34.9 (Brazing)	φ34.9 (Brazing)	φ34.9 (Brazing)			φ34.9 (Brazing)	φ34.9 (Brazing)	φ41.3 (Brazing)	φ41.3 (Brazing)	φ41.3 (Brazing)	φ41.3 (Brazing)	φ41.3 (Brazing)	φ41.3 (Brazing)							

Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

Standard Type



MODEL			RXQ48TNYL(E)	RXQ50TNYL(E)	RXQ52TNYL(E)	RXQ54TNYL(E)	RXQ56TNYL(E)	RXQ58TNYL(E)	RXQ60TNYL(E)
Combination units			RXQ14TYL(E)	RXQ14TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ20TYL(E)
			RXQ16TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ20TYL(E)	RXQ20TYL(E)
			RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ20TYL(E)	RXQ20TYL(E)	RXQ20TYL(E)
			RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ20TYL(E)	RXQ20TYL(E)	RXQ20TYL(E)
Power supply			3-phase 4-wire system, 380 V, 60 Hz						
Cooling capacity		kcal/h	116,000	120,000	125,000	129,000	134,000	139,000	144,000
		Btu/h	461,000	478,000	495,000	512,000	532,000	553,000	573,000
		kW	135	140	145	150	156	162	168
Power consumption		kW	39.3	41.7	43.8	46.2	48.8	51.4	54.0
Capacity control		%	3-100	3-100	3-100	3-100	3-100	3-100	3-100
Casing colour			Ivory white (5Y7.5/1)						
Compressor	Type		Hermetically Sealed Scroll Type						
	Motor output	kW	(2.9X1)+(3.3X1)+ (3.6X1)+(3.7X1)+ (4.4X1)+(4.0X1)	(2.9X1)+(3.3X1)+ (4.4X1)+(4.0X1)+ (4.4X1)+(4.0X1)	(3.6X1)+(3.7X1)+ (4.4X1)+(4.0X1)+ (4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+ (4.4X1)+(4.0X1)+ (4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+ (4.4X1)+(4.0X1)+ (4.6X1)+(5.5X1)	(4.4X1)+(4.0X1)+ (4.6X1)+(5.5X1)+ (4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)+ (4.6X1)+(5.5X1)+ (4.6X1)+(5.5X1)
			(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)	(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)
Airflow rate		m³/min	233+233+233	233+233+233	233+233+233	233+233+233	233+233+268	233+268+268	268+268+268
Dimensions (HxWxD)		mm	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+ (1,657x1,240x765)+ (1,657x1,240x765)
Machine weight		kg	285+285+285	285+285+285	285+285+285	285+285+285	285+285+320	285+320+320	320+320+320
Sound level		dB(A)	66	66	66	67	68	69	70
Operation range		°CDB	-5 to 43						
Refrigerant	Type		R-410A						
	Charge	kg	10.3+10.4+10.5	10.3+10.5+10.5	10.4+10.5+10.5	10.5+10.5+10.5	10.5+10.5+11.8	10.5+11.8+11.8	11.8+11.8+11.8
Piping connections	Liquid	mm	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)
	Gas	mm	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)

Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Space Saving Type



MODEL			RXQ18TYL(E)	RXQ20TYL(E)	RXQ22TSYL(E)	RXQ24TSYL(E)
Combination units			—	—	RXQ10TYL(E)	RXQ12TYL(E)
					RXQ12TYL(E)	RXQ12TYL(E)
					—	—
Power supply			3-phase 4-wire system, 380 V, 60 Hz			
Cooling capacity		kcal/h	43,000	48,200	52,900	57,600
		Btu/h	171,000	191,000	210,000	229,000
		kW	50.0	56.0	61.5	67.0
Power consumption		kW	15.4	18.0	16.3	18.0
Capacity control		%	10-100	8-100	8-100	8-100
Casing colour			Ivory white (5Y7.5/1)			
Compressor	Type		Hermetically Sealed Scroll Type			
	Motor output	kW	(4.4X1)+(4.0X1)	(4.6X1)+(5.5X1)	(4.1X1)+(5.2X1)	(5.2X1)+(5.2X1)
Airflow rate		m³/min	233	268	165+178	178+178
Dimensions (HxWxD)		mm	1,657X1,240X765	1,657X1,240X765	(1,657X930X765)+ (1,657X930X765)	(1,657X930X765)+ (1,657X930X765)
Machine weight		kg	285	320	195+195	195+195
Sound level		dB(A)	62	65	61	62
Operation range		°CDB	-5 to 43			
Refrigerant	Type		R-410A			
	Charge	kg	10.5	11.8	6.0+6.3	6.3+6.3
Piping connections	Liquid	mm	φ15.9 (Brazing)	φ15.9 (Brazing)	φ15.9 (Brazing)	φ15.9 (Brazing)
	Gas	mm	φ28.6 (Brazing)	φ28.6 (Brazing)	φ28.6 (Brazing)	φ34.9 (Brazing)

Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.




2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

Space Saving Type

																								
MODEL			RXQ26TSYL(E)	RXQ28TSYL(E)	RXQ30TSYL(E)	RXQ32TSYL(E)	RXQ34TSYL(E)	RXQ36TSYL(E)				RXQ38TSYL(E)	RXQ40TSYL(E)	RXQ42TSYL(E)	RXQ44TSYL(E)	RXQ46TSYL(E)	RXQ48TSYL(E)	RXQ50TSYL(E)						
Combination units			RXQ8TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)				RXQ18TYL(E)	RXQ20TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)					
			RXQ18TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)	RXQ20TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)				RXQ20TYL(E)	RXQ20TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ12TYL(E)	RXQ16TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)				
			—	—	—	—	—	—				—	—	RXQ18TYL(E)	RXQ20TYL(E)	RXQ18TYL(E)	RXQ18TYL(E)	RXQ20TYL(E)						
Power supply			3-phase 4-wire system, 380 V, 60 Hz											3-phase 4-wire system, 380 V, 60 Hz										
Cooling capacity		kcal/h	62,300	67,500	71,800	77,000	81,700	86,000				91,200	96,300	101,000	106,000	111,000	115,000	120,000						
		Btu/h	247,000	268,000	285,000	305,000	324,000	341,000				362,000	382,000	399,000	420,000	440,000	457,000	478,000						
		kW	72.4	78.5	83.5	89.5	95.0	100				106	112	117	123	129	134	140						
Power consumption		kW	20.6	22.0	24.4	27.0	28.4	30.8				33.4	36.0	33.4	36.0	37.4	39.8	42.4						
Capacity control		%	7-100	6-100	6-100	5-100	5-100	5-100				4-100	4-100	4-100	4-100	4-100	4-100	3-100						
Casing colour			Ivory white (5Y7.5/1)											Ivory white (5Y7.5/1)										
Compressor	Type		Hermetically Sealed Scroll Type											Hermetically Sealed Scroll Type										
	Motor output	kW	(3.4X1)+(4.4X1)+(4.0X1)	(5.2X1)+(3.6X1)+(3.7X1)	(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.6X1)+(5.5X1)	(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)				(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)+(4.6X1)+(5.5X1)	(5.2X1)+(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(5.2X1)+(4.6X1)+(5.5X1)	(5.2X1)+(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)						
Airflow rate		m³/min	157+233	178+233	178+233	178+268	233+233	233+233				233+268	268+268	178+178+233	178+178+268	178+233+233	178+233+233	178+233+268						
Dimensions (HxWxD)		mm	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)				(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)						
Machine weight		kg	185+285	195+285	195+285	195+320	285+285	285+285				285+320	320+320	195+195+285	195+195+320	195+285+285	195+285+285	195+285+320						
Sound level		dB(A)	63	63	64	66	65	65				67	68	65	67	66	66	67						
Operation range		°CDB	-5 to 43											-5 to 43										
Refrigerant	Type		R-410A											R-410A										
	Charge	kg	5.9+10.5	6.3+10.4	6.3+10.5	6.3+11.8	10.4+10.5	10.5+10.5				10.5+11.8	11.8+11.8	6.3+6.3+10.5	6.3+6.3+11.8	6.3+10.4+10.5	6.3+10.5+10.5	6.3+10.5+11.8						
Piping connections	Liquid	mm	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)				φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)	φ 19.1 (Brazing)						
	Gas	mm	φ 34.9 (Brazing)	φ 34.9 (Brazing)	φ 34.9 (Brazing)	φ 34.9 (Brazing)	φ 34.9 (Brazing)	φ 41.3 (Brazing)				φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)	φ 41.3 (Brazing)						

Note: 1. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

2. Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Unit Combinations

For connection of only VRV indoor units

High-COP Type

HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit*1	Total capacity index of connectable indoor units*2	Maximum number of connectable indoor units*2
12	300	RXQ12TH	RXQ6Tx 2	BHFP22P100	150 to 390 (480)	19 (24)
14	350	RXQ14TH	RXQ6T+ RXQ8T		175 to 455 (560)	22 (28)
16	400	RXQ16TH	RXQ8T x 2		200 to 520 (640)	26 (32)
18	450	RXQ18TH	RXQ6T x 3		225 to 585 (585)	29 (29)
20	500	RXQ20TH	RXQ6Tx 2+ RXQ8T	BHFP22P151	250 to 650 (650)	32 (32)
22	550	RXQ22TH	RXQ6T+ RXQ8Tx 2		275 to 715 (715)	35 (35)
24	600	RXQ24TH	RXQ8Tx 3		300 to 780 (780)	39 (39)
26	650	RXQ26TH	RXQ8Tx 2 + RXQ10T		325 to 845 (845)	42 (42)
28	700	RXQ28TH	RXQ8Tx 2 + RXQ12T		350 to 910 (910)	45 (45)
30	750	RXQ30TH	RXQ8T+ RXQ10T+ RXQ12T		375 to 975 (975)	48 (48)
32	800	RXQ32TH	RXQ8T+ RXQ12Tx 2		400 to 1,040 (1,040)	52 (52)
34	850	RXQ34TH	RXQ8T+ RXQ12T+ RXQ14T		425 to 1,105 (1,105)	55 (55)
36	900	RXQ36TH	RXQ8T+ RXQ14Tx 2		450 to 1,170 (1,170)	58 (58)
38	950	RXQ38TH	RXQ12Tx 2+ RXQ14T		475 to 1,235 (1,235)	61 (61)
40	1,000	RXQ40TH	RXQ12T+ RXQ14Tx 2		500 to 1,300 (1,300)	64 (64)
42	1,050	RXQ42TH	RXQ14Tx 3		525 to 1,365 (1,365)	
44	1,100	RXQ44TH	RXQ14Tx 2+ RXQ16T		550 to 1,430 (1,430)	
46	1,150	RXQ46TH	RXQ14T+ RXQ16Tx 2		575 to 1,495 (1,495)	
48	1,200	RXQ48TH	RXQ16Tx 3		600 to 1,560 (1,560)	
50	1,250	RXQ50TH	RXQ16Tx 2 + RXQ18T		625 to 1,625 (1,625)	

Note: *1 The outdoor unit multi connection piping kit (separately sold) is required for multiple connection.
*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 7 for notes on connection capacity of indoor units.

Space Saving Type

HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit*1	Total capacity index of connectable indoor units*2	Maximum number of connectable indoor units*2
18	450	RXQ18T	RXQ18T	—	225 to 585 (900)	29 (45)
20	500	RXQ20T	RXQ20T	—	250 to 650 (1,000)	32 (50)
22	550	RXQ22TS	RXQ10T + RXQ12T	BHFP22P100	275 to 715 (880)	35 (44)
24	600	RXQ24TS	RXQ12T x 2		300 to 780 (960)	39 (48)
26	650	RXQ26TS	RXQ8T + RXQ18T		325 to 845 (1,040)	42 (52)
28	700	RXQ28TS	RXQ12T + RXQ16T		350 to 910 (1,120)	45 (56)
30	750	RXQ30TS	RXQ12T + RXQ18T		375 to 975 (1,200)	48 (60)
32	800	RXQ32TS	RXQ12T + RXQ20T		400 to 1,040 (1,280)	52 (64)
34	850	RXQ34TS	RXQ16T + RXQ18T		425 to 1,105 (1,360)	55 (64)
36	900	RXQ36TS	RXQ18T x 2		450 to 1,170 (1,440)	58 (64)
38	950	RXQ38TS	RXQ18T + RXQ20T	BHFP22P151	475 to 1,235 (1,520)	61 (64)
40	1,000	RXQ40TS	RXQ20T x 2		500 to 1,300 (1,600)	64 (64)
42	1,050	RXQ42TS	RXQ12T x 2 + RXQ18T		525 to 1,365 (1,365)	
44	1,100	RXQ44TS	RXQ12T x 2 + RXQ20T		550 to 1,430 (1,430)	
46	1,150	RXQ46TS	RXQ12T + RXQ16T + RXQ18T		575 to 1,495 (1,495)	
48	1,200	RXQ48TS	RXQ12T + RXQ18T x 2		600 to 1,560 (1,560)	
50	1,250	RXQ50TS	RXQ12T + RXQ18T + RXQ20T		625 to 1,625 (1,625)	

Note: *1 For multiple connection of 22 HP and above the outdoor unit multi connection piping kit (separately sold) is required.
*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 7 for notes on connection capacity of indoor units.

Standard Type

HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit*1	Total capacity index of connectable indoor units*2	Maximum number of connectable indoor units*2
6	150	RXQ6T	RXQ6T	—	75 to 195 (300)	9 (15)
8	200	RXQ8T	RXQ8T	—	100 to 260 (400)	13 (20)
10	250	RXQ10T	RXQ10T	—	125 to 325 (500)	16 (25)
12	300	RXQ12T	RXQ12T	—	150 to 390 (600)	19 (30)
14	350	RXQ14T	RXQ14T	—	175 to 455 (700)	22 (35)
16	400	RXQ16T	RXQ16T	—	200 to 520 (800)	26 (40)
18	450	RXQ18TN	RXQ8T + RXQ10T	BHFP22P100	225 to 585 (720)	29 (36)
20	500	RXQ20TN	RXQ8T + RXQ12T		250 to 650 (800)	32 (40)
22	550	RXQ22TN	RXQ8T + RXQ14T		275 to 715 (880)	35 (44)
24	600	RXQ24TN	RXQ10T + RXQ14T		300 to 780 (960)	39 (48)
26	650	RXQ26TN	RXQ12T + RXQ14T		325 to 845 (1,040)	42 (52)
28	700	RXQ28TN	RXQ14T x 2		350 to 910 (1,120)	45 (56)
30	750	RXQ30TN	RXQ14T + RXQ16T		375 to 975 (1,200)	48 (60)
32	800	RXQ32TN	RXQ14T + RXQ18T		400 to 1,040 (1,280)	52 (64)
34	850	RXQ34TN	RXQ10T + RXQ12T x 2	BHFP22P151	425 to 1,105 (1,105)	55 (55)
36	900	RXQ36TN	RXQ12T x 3		450 to 1,170 (1,170)	58 (58)
38	950	RXQ38TN	RXQ8T + RXQ12T + RXQ18T		475 to 1,235 (1,235)	61 (61)
40	1,000	RXQ40TN	RXQ12T x 2 + RXQ16T		500 to 1,300 (1,300)	64 (64)
42	1,050	RXQ42TN	RXQ12T + RXQ14T + RXQ16T		525 to 1,365 (1,365)	
44	1,100	RXQ44TN	RXQ12T + RXQ16T x 2		550 to 1,430 (1,430)	
46	1,150	RXQ46TN	RXQ14T x 2 + RXQ18T		575 to 1,495 (1,495)	
48	1,200	RXQ48TN	RXQ14T + RXQ16T + RXQ18T		600 to 1,560 (1,560)	
50	1,250	RXQ50TN	RXQ14T + RXQ18T x 2		625 to 1,625 (1,625)	
52	1,300	RXQ52TN	RXQ16T + RXQ18T x 2		650 to 1,690 (1,690)	
54	1,350	RXQ54TN	RXQ18T x 3		675 to 1,755 (1,755)	
56	1,400	RXQ56TN	RXQ18T x 2 + RXQ20T		700 to 1,820 (1,820)	
58	1,450	RXQ58TN	RXQ18T + RXQ20T x 2		725 to 1,885 (1,885)	
60	1,500	RXQ60TN	RXQ20T x 3		750 to 1,950 (1,950)	

Note: *1 For multiple connection of 18 HP systems and above, the outdoor unit multi connection piping kit (separately sold) is required.
*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 7 for notes on connection capacity of indoor units.

For mixed combination of VRV and residential indoor units or connection of only residential indoor units

Model name ^{*1}	kW	HP	Capacity index	Total capacity index of connectable indoor units ^{*2}			Maximum number of connectable indoor units
				Combination (%) ^{*2}			
				50%	100%	130%	
RXQ6TYL	16.0	6	150	75	150	195	9
RXQ8TYL	22.4	8	200	100	200	260	13
RXQ10TYL	28.0	10	250	125	250	325	16
RXQ12TYL	33.5	12	300	150	300	390	19
RXQ14TYL	40.0	14	350	175	350	455	22
RXQ16TYL	45.0	16	400	200	400	520	26
RXQ18TYL	50.0	18	450	225	450	585	29
RXQ20TYL	56.0	20	500	250	500	650	32

Note: *1 Only single outdoor unit (RXQ6-20TYL) can be connected.
*2 Total capacity index of connectable indoor units must be 50%–130% of the capacity index of the outdoor unit.

VRV Indoor Units

Ceiling Mounted Cassette (Round Flow With Sensing) Type

No.	Item		Type	FXFQ25S	FXFQ32S	FXFQ40S	FXFQ50S	FXFQ63S	FXFQ80S	FXFQ100S	FXFQ125S
1	Decoration panel							BYCQ125B-W1			
2	Sealing material of air discharge outlet							KDBHQ55B140			
3	Panel spacer							KDBP55H160FA			
4	Filter related	High efficiency filter unit 65%					KAFP556B80			KAFP556B160	
		High efficiency filter unit 90%					KAFP557B80			KAFP557B160	
		Replacement high efficiency filter 65%					KAFP552B80			KAFP552B160	
		Replacement high efficiency filter 90%					KAFP553B80			KAFP553B160	
		Filter chamber					KDDFP55B160				
		Long life replacement filter					KAFP551K160				
		Ultra long-life filter					KAFP55B160				
		Replacement ultra long-life filter					KAFP55H160H				
5	Fresh air intake kit	Chamber type	Without T joint-pipe and fan				KDDQ55B140				
			With T joint-pipe without fan				KDDP55B160K				
		Direct installation type					KDDP55X160				
6	Branch duct chamber						KDJP55B80			KDJP55B160	
7	Insulation kit for high humidity						KDTP55K80			KDTP55K160	

Ceiling Mounted Cassette (Round Flow) Type

No.	Item		Type	FXFQ25P	FXFQ32P	FXFQ40P	FXFQ50P	FXFQ63P	FXFQ80P	FXFQ100P	FXFQ125P
1	Decoration panel							BYCP125K-W1			
2	Sealing material of air discharge outlet							KDBH55K160F			
3	Panel spacer							KDBP55H160FA			
4	Filter related	High efficiency filter unit 65%					KAFP556B80			KAFP556B160	
		High efficiency filter unit 90%					KAFP557B80			KAFP557B160	
		Replacement high efficiency filter 65%					KAFP552B80			KAFP552B160	
		Replacement high efficiency filter 90%					KAFP553B80			KAFP553B160	
		Filter chamber					KDDFP55B160				
		Long life replacement filter					KAFP551K160				
		Ultra long-life filter					KAFP55B160				
		Replacement ultra long-life filter					KAFP55H160H				
5	Fresh air intake kit	Chamber type	Without T joint-pipe and fan				KDDP55B160				
			With T joint-pipe without fan				KDDP55B160K				
		Direct installation type					KDDP55X160				
6	Branch duct chamber						KDJP55B80			KDJP55B160	
7	Chamber connection kit						KKSJ55KA160				
8	Insulation kit for high humidity						KDTP55K80			KDTP55K160	

Ceiling Mounted Cassette (Compact Multi Flow) Type

No.	Item		Type	FXZQ20M	FXZQ25M	FXZQ32M	FXZQ40M	FXZQ50M
1	Decoration panel					BYFQ60B8W1		
2	Sealing material of air discharge outlet					KDBH44BA60		
3	Panel spacer					KDBQ44BA60A		
4	Replacement long-life filter					KAFQ441BA60		
5	Fresh air intake kit		Direct installation type			KDDQ44XA60		

4-way Flow Ceiling Suspended Type

No.	Item		Type	FXUQ71A	FXUQ100A
1	Sealing material of air discharge outlet				KDBHP49B140
2	Decoration panel for air discharge				KDBTP49B140
3	Replacement long-life filter				KAFP551K160

Ceiling Mounted Cassette (Double Flow) Type

No.	Item		Type	FXCQ20M FXCQ25M	FXCQ40M	FXCQ50M	FXCQ63M	FXCQ80M	FXCQ125M
1	Decoration panel			BYBC32G-W1	BYBC50G-W1	BYBC63G-W1	BYBC125G-W1		
2	Filter related	High efficiency filter 65%*1		KAFJ532G36	KAFJ532G56	KAFJ532G80	KAFJ532G160		
		High efficiency filter 90%*1		KAFJ533G36	KAFJ533G56	KAFJ533G80	KAFJ533G160		
		Filter chamber bottom suction		KDDFJ53G36	KDDFJ53G56	KDDFJ53G80	KDDFJ53G160		
		Long life replacement filter		KAFJ531G36	KAFJ531G56	KAFJ531G80	KAFJ531G160		

Note: *1 Filter chamber is required if installing high efficiency filter.

Ceiling Mounted Cassette Corner Type

No.	Item		Type	FXKQ25MA	FXKQ32MA	FXKQ40MA	FXKQ63MA
1	Panel related	Decoration panel			BYK45FJW1		BYK71FJW1
		Panel spacer			KPBJ52F56W		KPBJ52F80W
		Long life replacement filter			KAFJ521F56		KAFJ521F80
2	Air inlet and air discharge outlet related	Air discharge grille			K-HV7AW		K-HV9AW
		Air discharge blind panel			KDBJ52F56W		KDBJ52F80W
		Flexible duct (with shutter)			KFDJ52FA56		KFDJ52FA80

Slim Ceiling Mounted Duct Type (700 mm width type)

No.	Item		Type	FXDQ20PB	FXDQ25PB	FXDQ32PB
1	Insulation kit for high humidity				KDT25N32	

Slim Ceiling Mounted Duct Type (900/1,100 mm width type)

No.	Item		Type	FXDQ40NB	FXDQ50NB	FXDQ63NB
1	Insulation kit for high humidity				KDT25N50	KDT25N63

Ceiling Mounted Duct Type

No.	Item		Type	FXMQ20P FXMQ25P FXMQ32P	FXMQ40P	FXMQ50P FXMQ63P FXMQ80P	FXMQ100P FXMQ125P FXMQ140P	FXMQ200MA FXMQ250MA
1	Drain pump kit							KDU30L250VE
2	High efficiency filter	65%		KAF372AA36	KAF372AA56	KAF372AA80	KAF372AA160	KAFJ372L280
		90%		KAF373AA36	KAF373AA56	KAF373AA80	KAF373AA160	KAFJ373L280
3	Filter chamber			KDDF37AA36	KDDF37AA56	KDDF37AA80	KDDF37AA160	KDJ3705L280
4	Long life replacement filter			KAF371AA36	KAF371AA56	KAF371AA80	KAF371AA160	KAFJ371L280
5	Long life filter chamber kit			KAF375AA36	KAF375AA56	KAF375AA80	KAF375AA160	
6	Service panel	White		KTBJ25K36W	KTBJ25KA56W	KTBJ25KA80W	KTBJ25KA160W	—
		Fresh white		KTBJ25K36F	KTBJ25K56F	KTBJ25K80F	KTBJ25K160F	
		Brown		KTBJ25K36T	KTBJ25K56T	KTBJ25K80T	KTBJ25K160T	
7	Air discharge adaptor			KDAJ25K36A	KDAJ25K56A	KDAJ25K71A	KDAJ25K140A	

Ceiling Suspended Type

No.	Item		Type	FXHQ32MA	FXHQ63MA	FXHQ100MA
1	Drain pump kit			KDU50N60VE		KDU50N125VE
2	Replacement long-life filter (Resin net)			KAF501DA56	KAF501DA80	KAF501DA112
3	L-type piping kit (for upward direction)			KHFP5MA63		KHFP5MA160

VRV Indoor Units

Wall Mounted Type

No.	Item	Type	FXAQ20P	FXAQ25P	FXAQ32P	FXAQ40P	FXAQ50P	FXAQ63P
1	Drain pump kit		K-KDU572EVE					

Floor Standing Type

No.	Item	Type	FXLQ20MA	FXLQ25MA	FXLQ32MA	FXLQ40MA	FXLQ50MA	FXLQ63MA
1	Long life replacement filter		KAFJ361K28		KAFJ361K45		KAFJ361K71	

Concealed Floor Standing Type

No.	Item	Type	FXNQ20MA	FXNQ25MA	FXNQ32MA	FXNQ40MA	FXNQ50MA	FXNQ63MA
1	Long life replacement filter		KAFJ361K28		KAFJ361K45		KAFJ361K71	

Floor Standing Duct Type

No.	Item			Type	FXVQ125M	FXVQ200M	FXVQ250M	FXVQ400M	FXVQ500M	
1	Discharge and Suction	Replacement long life filter			KAFJ261L140	KAFJ261L224	KAFJ261L280	KAFJ261M450	KAFJ261M560	
2		Ultra long-life filter			—			KAFSJ9A400	KAFSJ9A560	
3		Front suction filter chamber for High efficiency filter	Filter chamber for high efficiency filter *1	65%	KDDF-92A140	KDDF-92A200	KDDF-92A280	KDDF-92A400	KDDF-92A560	
4				90%	KDDF-93A140	KDDF-93A200	KDDF-93A280	KDDF-93A400	KDDF-93A560	
5			Front suction base flange		KD-9A140	KD-9A200	KD-9A280	KD-9A400	KD-9A560	
6			Suction grille		KDGF-9A140	KDGF-9A200	KDGF-9A280	KDGF-9A400	KDGF-9A560	
7			Replacement filter *2	Long-life filter *3	KAF-91A140	KAF-91A200	KAF-91A280	KAF-91A400	KAF-91A560	
8					High efficiency filter	65%	KAF-92A140	KAF-92A200	KAF-92A280	KAF-92A400
9		90%			KAF-93A140	KAF-93A200	KAF-93A280	KAF-93A400	KAF-93A560	
10		Plenum chamber *4			KPCJ140A	KPC5J	KPC8J	KPCJ400A	KPC15JA	
11		Pulley for plenum chamber *4			KPP8JA	KPP9JA	KPP10JA	—		
12		Fresh air intake kit			KD106D10			KDFJ906A560		
13	Rear suction kit			KDFJ905A140	KDFJ905A200	KDFJ905A280	KDFJ905A400	KDFJ905A560		
14	Discharge grille for plenum side			KD101A10			KD101A20			
15	Wood base			KKWJ9A140	KWF1G5P	KWF1G8P	KKWJ9A400	KWF1G15		
16	Vibration isolating frame			K-ABSG1406A	K-ABSG1407A	K-ABSG1408A	K-ABSG1409A	K-ABSG1410A		

*1 A front suction base flange and suction grille are required (option). *2 A filter chamber for high efficiency is required (option).
*3 Different from the filter attached as standard. *4 Use the plenum chamber and pulley for plenum chamber in combination.

Residential Indoor Units with connection to BP units

Ceiling Mounted Cassette Type

No.	Item	Type	FCQ35BVE	FCQ50BVE	FCQ60BVE	FCQ71BVE
1	Decoration panel		BYC125K-W1			
2	Panel spacer		KDBP55H160WA			
3	Fresh air intake kit	Chamber type	Without T-shaped pipe and fan*1			
			KDDP55D160			
		With T-shaped pipe, without fan*2	KDDP55D160K			
4	High-efficiency filter	Direct installation type*s	KDDJ55X160			
		(Colourimetric method 65%)	KAFP556D80			
		(Colourimetric method 90%)	KAFP557D80			
5	Replacement high-efficiency filter	(Colourimetric method 65%)	KAFP552H80			
		(Colourimetric method 90%)	KAFP553H80			
6	High-efficiency filter chamber		KDDF55DA160			
7	Replacement long-life filter		KAF551KA160			
8	Branch duct chamber		KDJ55K80			

Notes: *1. With a suction chamber. Fresh air intake is from 2 holes on the sides of the connection chamber. (This method should be selected if a wireless remote controller is used.)
*2. Without a suction chamber. Fresh air intake is from 2 holes on the connection chamber via a T-shaped pipe connection. (A wireless remote controller cannot be used in this case.)
*3. Without a suction chamber. Fresh air intake is directly from a hole on the main unit.

Ceiling Mounted Cassette (Compact Multi Flow) Type

No.	Item	Type	FFQ25KVL	FFQ35KVL	FFQ50KVL	FFQ60KVL
1	Decoration panel		BYFQ60B8W1			
2	Replacement long-life filter		KAFQ441BA60			
3	Fresh air intake kit	Direct installation type	KDDQ44XA60			
4	Sealing member for air discharge outlet		KDBH44BA60			
5	Panel spacer		KDBQ44BA60A			

Slim Ceiling Mounted Duct Type

No.	Item	Type	CDKS25KVM	CDKS35KVM	CDKS50KVM	CDKS60KVM
1	Suction grille		KDGF19A45			
2	Insulation kit for high humidity		KDT25N32		KDT25N50	KDT25N63

Wall Mounted Type

No.	Item	Type	FTKS25KVM	FTKS35KVM	FTKS50KVM	FTKS60KVM	FTKS71KVM
1	Titanium apatite photocatalytic air-purifying filter		KAF970A46		KAF952B42		

Note: Filter is a standard accessory. It should be replaced approximately 3 years.

BP Units for connection to residential indoor units

No.	Item	Type	BPMKS967A2	BPMKS967A3
1	REFNET joint		KHRP26A22T	

Note: A single BP unit does not require a REFNET joint. 2 BP units require only 1 REFNET joint, and 3 BP units require only 2 REFNET joints.

Outdoor Units

High-COP Type

Optional Accessories		RXQ12THYL(E) RXQ14THYL(E) RXQ16THYL(E)
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T
Outdoor unit multi connection piping kit		BKG26A12x2

Optional Accessories		RXQ18THYL(E) RXQ20THYL(E) RXQ22THYL(E)	RXQ24THYL(E) RXQ26THYL(E) RXQ28THYL(E) RXQ30THYL(E) RXQ32THYL(E)	RXQ34THYL(E)
Distributive piping	REFNET header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch), KHRP26M72H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)	
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		—		KHRP26M73TP, KHRP26M73HP
Outdoor unit multi connection piping kit		BHFP22P151		

Optional Accessories		RXQ36THYL(E)	RXQ38THYL(E)	RXQ40THYL(E)	RXQ42THYL(E) RXQ44THYL(E) RXQ46THYL(E) RXQ48THYL(E) RXQ50THYL(E)
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			

Standard Type

Optional Accessories		RXQ6TYL(E) RXQ8TYL(E) RXQ10TYL(E)	RXQ12TYL(E)	RXQ14TYL(E) RXQ16TYL(E)
Distributive piping	REFNET header	KHRP26M22H, (Max. 4 branch) KHRP26M33H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)	
	REFNET joint	KHRP26A22T KHRP26A33T	KHRP26A22T, KHRP26A33T, KHRP26A72T	

Optional Accessories		RXQ18TNYL(E) RXQ20TNYL(E)	RXQ22TNYL(E)	RXQ24TNYL(E) RXQ26TNYL(E)	RXQ28TNYL(E) RXQ30TNYL(E) RXQ32TNYL(E)
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H (Max. 8 branch)		KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H, KHRP26M73H (Max. 8 branch) (Max. 8 branch)	
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T		KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		—		KHRP26M73TP, KHRP26M73HP	
Outdoor unit multi connection piping kit		BHFP22P100			

Optional Accessories		RXQ34TNYL(E) RXQ36TNYL(E)	RXQ38TNYL(E) RXQ40TNYL(E)	RXQ42TNYL(E) RXQ44TNYL(E)	RXQ46TNYL(E) RXQ48TNYL(E) RXQ50TNYL(E) RXQ52TNYL(E) RXQ54TNYL(E) RXQ56TNYL(E) RXQ58TNYL(E) RXQ60TNYL(E)
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			

Space Saving Type

Optional Accessories		RXQ18TNYL(E) RXQ20TNYL(E)
Disinbutive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max.4 branch) (Max.8 branch) (Max.8 branch)
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T

Optional Accessories		RXQ22TSYL(E)	RXQ24TSYL(E)	RXQ26TSYL(E) RXQ28TSYL(E) RXQ30TSYL(E) RXQ32TSYL(E)	RXQ34TSYL(E) RXQ36TSYL(E) RXQ38TSYL(E) RXQ40TSYL(E)
Disinbutive piping	REFNET header	KHRP26M22H (Max.4 branch), KHRP26M33H (Max.8 branch), KHRP26M72H (Max.8 branch),	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max.4 branch) (Max.8 branch) (Max.8 branch) (Max.8 branch)		
	REFNET joint	KHRP26A22T, KHRP26M33T, KHRP26M72T,	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T		
Pipe size reducer		—		KHRP26M73TP, KHRP26M73HP	
Outdoor unit connection piping kit		BHFP22P100			

Optional Accessories		RXQ42TSYL(E) RXQ44TSYL(E)	RXQ46TSYL(E) RXQ48TSYL(E) RXQ50TSYL(E)
Disinbutive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max.4 branch) (Max.8 branch) (Max.8 branch) (Max.8 branch)	
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		KHRP26M73TP, KHRP26M73HP	
Outdoor unit connection piping kit		BHFP22P151	

Individual Control Systems for VRV Indoor Units

Navigation remote controller (Wired remote controller) (Option)

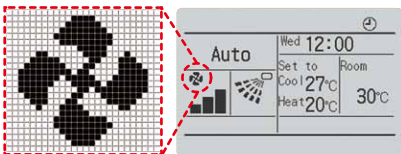
New



BRC1E62

Clear display

- **Dot matrix display**
 - A combination of fine dots enables various icons. Large text display is easy to see.



- **Backlight display**
 - Backlight display helps operating in dark rooms.

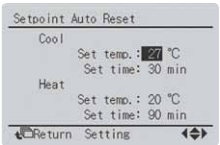
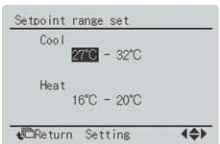
Simple operation

- **Large buttons and arrow keys**
 - Large buttons and arrow keys enable easy operation. Basic setting such as fan speed and temperature can be intuitively operated. For other settings just select the function from the menu list.
- **Guide on display**
 - The display gives an explanation of each setting for easy operation.

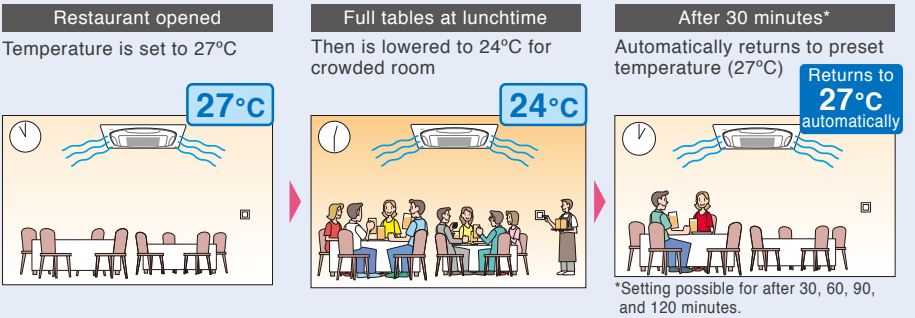


Energy saving

- **Setpoint range set** New
 - Saves energy by limiting the min. and max. set temperature.
 - Avoids excessive cooling.
 - This function is convenient when the remote controller is installed at a place where any number of people may operate it.
- **Setpoint auto reset**
 - Even if the set temperature is changed, it returns to the preset temperature after a preset period of time.
 - Period selectable from 30 min/60 min/90 min/120 min.



Restaurant sample



- **Off timer**
 - Turns off the air conditioner after a preset period of time.
 - Period can be preset from 30 to 180 minutes in 10-minute increments.

Convenience

- **Setback (default:OFF)** New
 - Maintains the room temperature in a specific range during unoccupied period by temporarily starting air conditioner that was turned OFF.

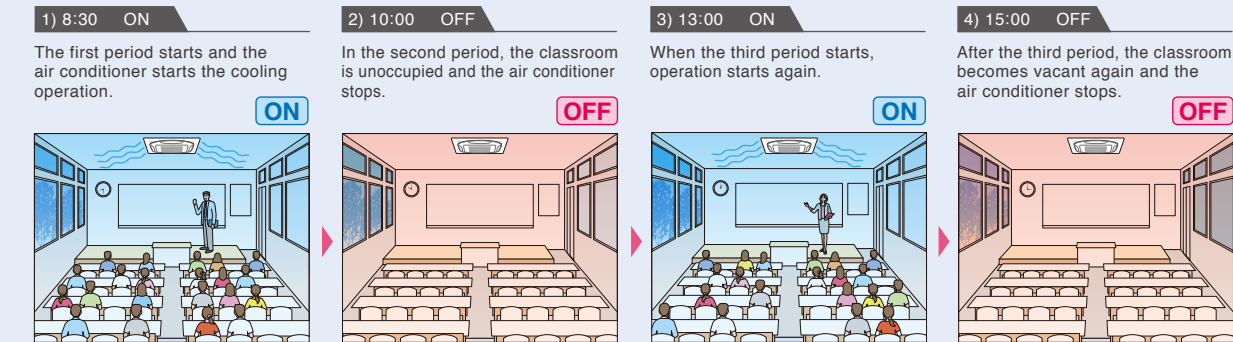
Ex) Setback temperature Cooling : 35°C Recovery differential Cooling : -2°C
When the room temperature goes above 35°C, the air conditioner starts operating in Cooling automatically. When room temperature reaches 33°C, the air conditioner returns OFF.

	Setback temperature	Recovery differential
Cooling	33 — 37°C	-2 — -8°C

- **Weekly schedule**
 - 5 actions per day can be scheduled for each day of the week.
 - The holiday function will disable schedule timer for the days that have been set as holiday.
 - 3 independent schedules can be set. (e.g. summer, winter, mid-season) New

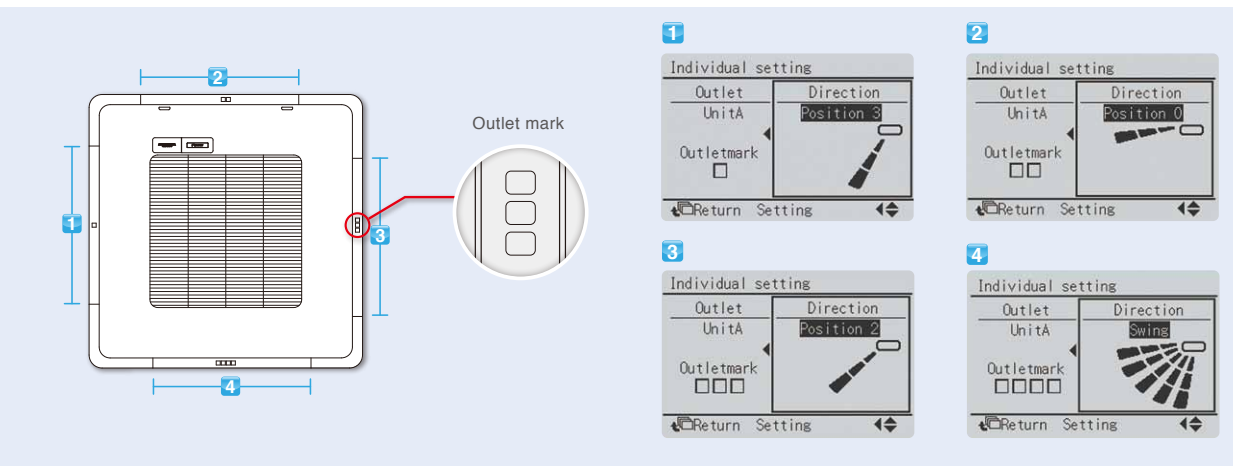
Schedule nr 1				
Time	Act	Cool	Heat	
Mon 8:30	ON	25°C	—	—
10:00	OFF	—	—	—
13:00	ON	25°C	—	—
15:00	OFF	—	—	—
Return Setting				

College classroom sample (a summer Monday case)



Comfort

- **Individual airflow direction (*1)** New
 - Airflow direction of each of the four air outlets can be controlled individually. (Positions 0 to 4, Swing, and No individual setting are selectable.)



- **Auto airflow rate (*2)** New
 - Airflow rate is automatically controlled in accordance with the difference between room temperature and set temperature.

*1 Only available for VRV 4-Way Flow Ceiling Suspended type FXUQ-A series and Ceiling Mounted Cassette (Round Flow with Sensing) type FXFQ-S series.
*2 Only available for VRV 4-Way Flow Ceiling Suspended type FXUQ-A series and Ceiling Mounted Cassette (Round Flow with Sensing) type FXFQ-S series.

Individual Control Systems for VRV Indoor Units

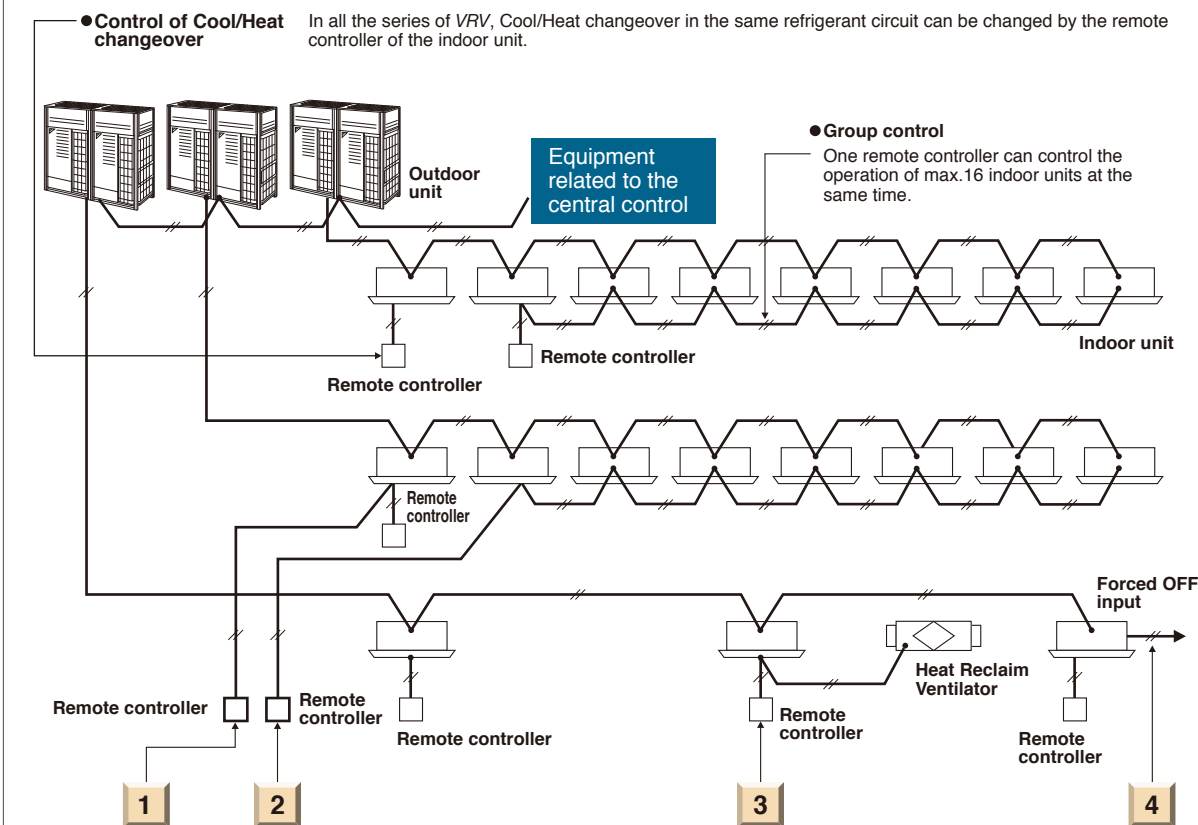
Wired remote controller (Option)



BRC1C62

- Displays current airflow, swing, temperature, operating mode and timer settings.
- * Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E62. Cannot be set via other remote controllers.

The wired remote controller supports a wide range of control functions



- 1 Control by two remote controller**
The indoor unit can be connected by the two remote controller, for example one in the room and the other one in the control room, which can control the operation of indoor unit freely. (The last command has a priority.) Of course, the group control by two remote controller is also possible.
 - 2 Remote control**
The wiring of remote controller can be extended to max. 500 m and it is possible to install the remote controllers for the different indoor units in one place.
 - 3 Control for the combined operation**
The operation of Heat Reclaim Ventilator can be controlled by the remote controller of the indoor unit. Of course, the remote controller can display the time to clean the filter.
 - 4 Expansion of system control**
The system can be expanded to add several controllers, such as BMS, Forced OFF input and etc.

Wireless remote controller (Option)



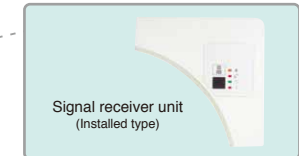
Wireless remote
controller



Signal receiver unit
(Separate type)

- The same operation modes and settings as with wired remote controllers are possible.
 - * Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E62. Cannot be set via other remote controllers.
- A compact signal receiver unit (separate type) to be mounted into a wall or ceiling is included.
 - A signal receiver unit (installed type) for a Ceiling Mounted Cassette (Round Flow, Compact Multi Flow, Double Flow) type, Ceiling Suspended type and Wall Mounted type is mounted into the indoor unit.

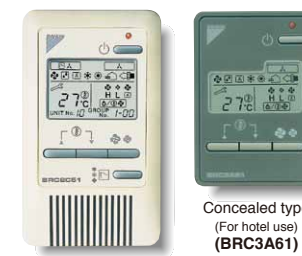
Signal receiver unit can be installed on the panel
ex. Ceiling Mounted Cassette (Round Flow) type



Signal receiver unit
(Installed type)

- * Wireless remote controller and signal receiver unit are sold as a set
* Refer to page 77 for the name of each model.

Simplified remote controller (Option)

Exposed type
(BRC2C51)

Concealed type
(For hotel use)
(BRC3A61)

- The remote controller has centralised its frequently used operation selectors and switches (on/off, operation mode, temperature setting and airflow volume), making itself suitable for use in hotel rooms or conference rooms.
- The exposed type remote controller is fitted with a thermostat sensor.



The concealed type remote controller smartly fits into a night table or console panel in a hotel room.

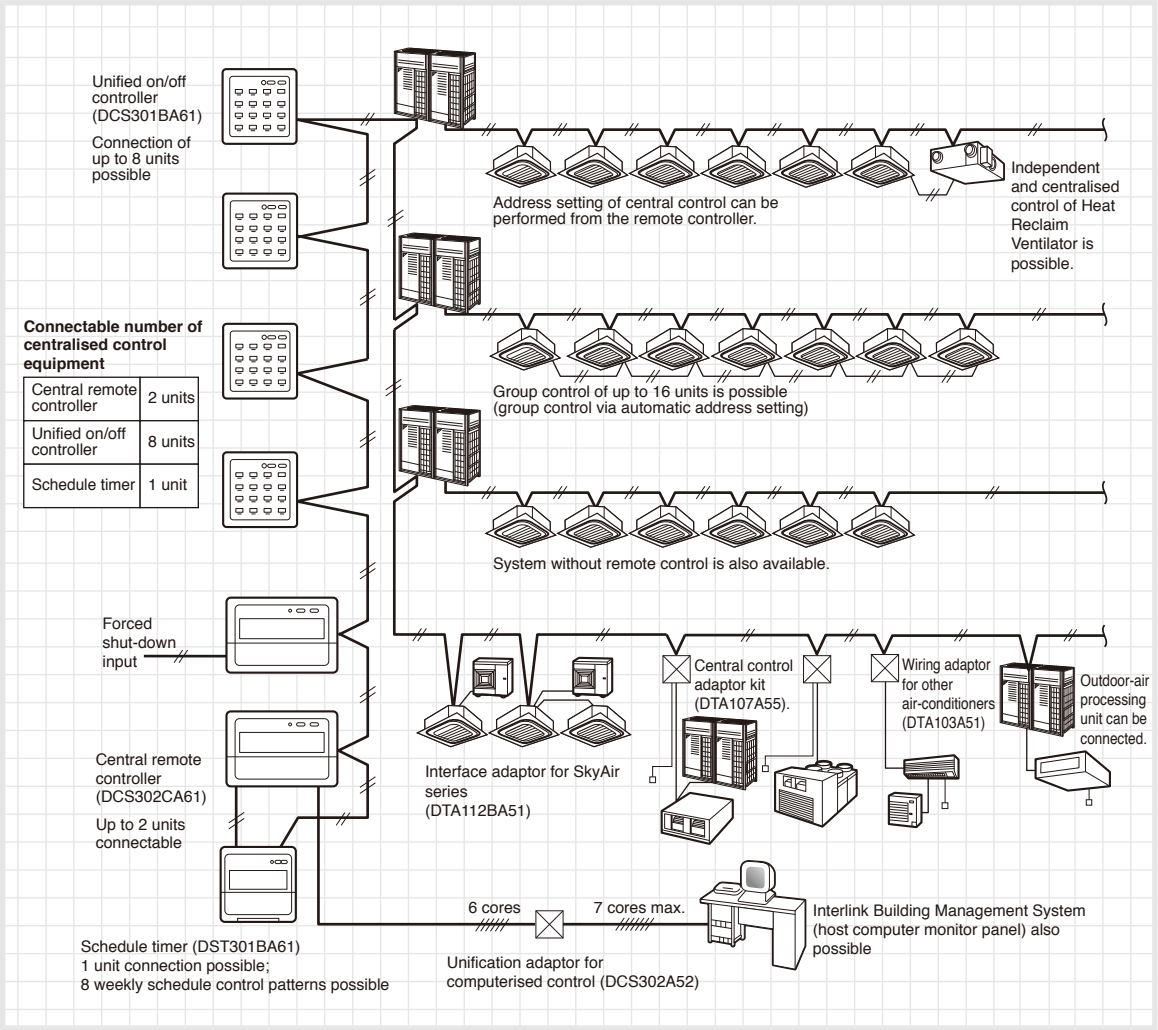
Wide variation of remote controllers for VRV indoor units

	FXFQ-S	FXFQ-P	FXZQ	FXCQ	FXUQ	FXKQ	FXDQ	FXMQ	FXHQ	FXAQ	FXL(N)Q	FXVQ
Navigation remote controller (Wired remote controller) (BRC1E62)	●	●	●	●	●	●	●	●	●	●	●	●
Wired remote controller (BRC1C62)	●	●	●	●	●	●	●	●	●	●	●	●
Wireless remote controller* (Installed type signal receiver unit)	●	●	●	●	●				●	●		
Wireless remote controller* (Separate type signal receiver unit)						●	●	●			●	
Simplified remote controller (Exposed type) (BRC2C51)							●	●			●	
Simplified remote controller (Concealed type: for Hotel use) (BRC3A61)							●	●			●	

*Refer to page 77 for the name of each model

Centralised Control Systems for VRV Indoor Units

- Up to 64 groups of indoor units (128 units) can be centrally controlled.
- Optional controllers for centralised control can be combined freely, and system can be designed in accordance with building scale and purpose.
- System integration with various air-conditioning peripheral equipment such as Heat Reclaim Ventilator is easy.
- Wiring can be run up to a total length of 2 km, and adapts easily to large-scale system expansion.



• Certain indoor units limit the functions of some control systems.
For more details, please refer to the Engineering Data.

Residential central remote controller* (Option)

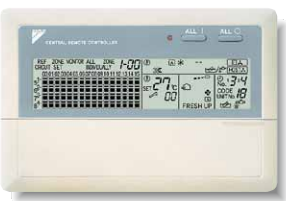


DCS303A51

Max. 16 groups of indoor units can be easily controlled with the large LCD panel.

- Max. 16 groups (128 indoor units) controllable
- Backlight and large LCD panel for easy readability
- ON/OFF, temperature settings and scheduling can be controlled individually for indoor units.
- All indoor units can be turned on or off at once with "ALL" button.
- Each group has a dedicated button for convenience.
- Outside temperature display
- * For residential use only. Cannot be used with other centralised control equipment.

Central remote controller (Option)



DCS302CA61

Max. 64 groups (zones) of indoor units can be controlled individually same as LCD Remote controller.

- Max. 64 groups (128 indoor units) controllable
- Max. 128 groups (128 indoor units) are controllable by using 2 central remote controllers, which can control from 2 different places.
- Zone control
- Malfunction code display
- Max. wiring length 1,000 m (Total: 2,000 m)
- Connectable with Unified ON/OFF controller, schedule timer and BMS system
- Airflow volume and direction can be controlled individually for indoor units in each group operation.
- Ventilation volume and mode can be controlled for Heat Reclaim Ventilator.
- Up to 4 ON/OFF pairs can be set per day by connecting a schedule timer.

Unified ON/OFF controller (Option)



DCS301BA61

Max. 16 groups of indoor units can be operated simultaneously/individually.

- Max. 16 groups (128 indoor units) controllable
- 2 remote controllers can be used to control from 2 different places.
- Operating status indication (Normal operation, Alarm)
- Centralised control indication
- Max. wiring length 1,000 m (Total: 2,000 m)
- Compact size casing (Thickness: 16 mm)
- Connectable with Central Remote controller, Schedule timer and BMS system

Schedule timer (Option)



DST301BA61

Max. 128 indoor units can be operated as programmed schedule.

- Max. 128 indoor units controllable
- When used in combination with a central remote controller, a maximum of 8 weekly schedule patterns can be set, while the central controller can be used to select desired zones. Up to 2 ON/OFF pairs can be set per day.
- Max. 48 hours back up power supply
- Max. wiring length 1,000 m (Total: 2,000 m)
- Compact size casing (Thickness: 16 mm)
- Connectable with Central Remote controller, Unified ON/OFF controller and BMS system

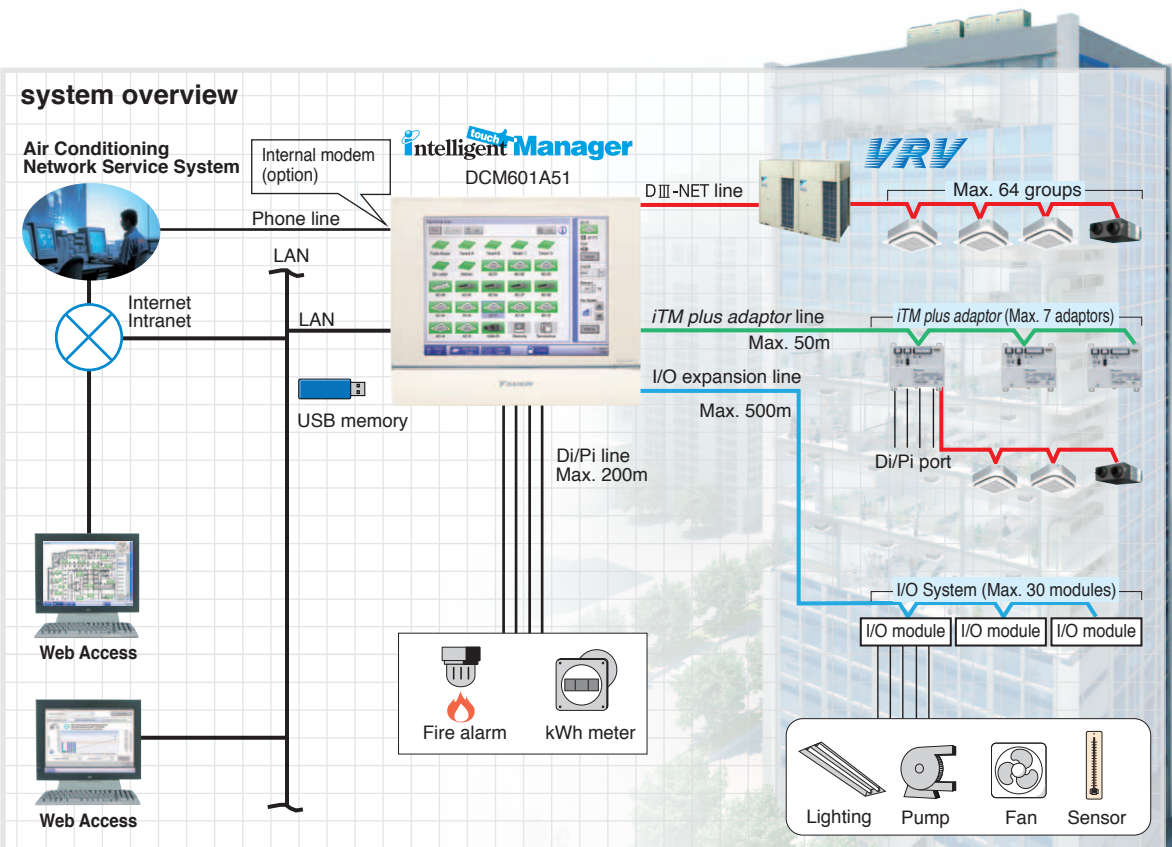
Advanced Control Systems for VRV Indoor Units



One touch selection to total air comfort

Daikin proudly introduces its *intelligent Touch Manager*, a VRV system controller featuring an array of simple, useful system management functions for added value.

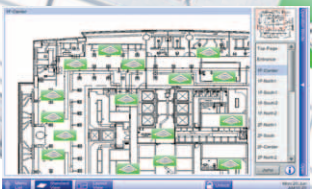
Up to 512 groups can be controlled by one *intelligent Touch Manager*



Features

Central control

- Handy area settings simplify detailed management of VRV system.
- Display of floor plans enables a quick search of desired air conditioning units.
- Operation history shows manner of control and origin in past operations of air conditioning units.



Remote access

- Remote access with a PC allows total air conditioning management using the same type of screens as those displayed in the *intelligent Touch Manager*.
- Authorised users can centrally control individual air conditioning units from their own computers.

Automatic control

- VRV systems are controlled automatically throughout the year by the schedule function.
- Interlocking VRV system and other equipment enables easy automation of building facilities operation.
- Setback adjusts temperature settings even when rooms are unoccupied.

Energy management

- The Energy Navigator feature simplifies energy management by tracking energy consumption data and identifying inefficient operation.



Troubleshooting

- Contact information of maintenance contractors can be registered and displayed.
- E-mails are sent automatically to alert of malfunctions and potential trouble.
- The *intelligent Touch Manager* can link to the Air Conditioning Network Service System for 24-hour monitoring of operating conditions and status.

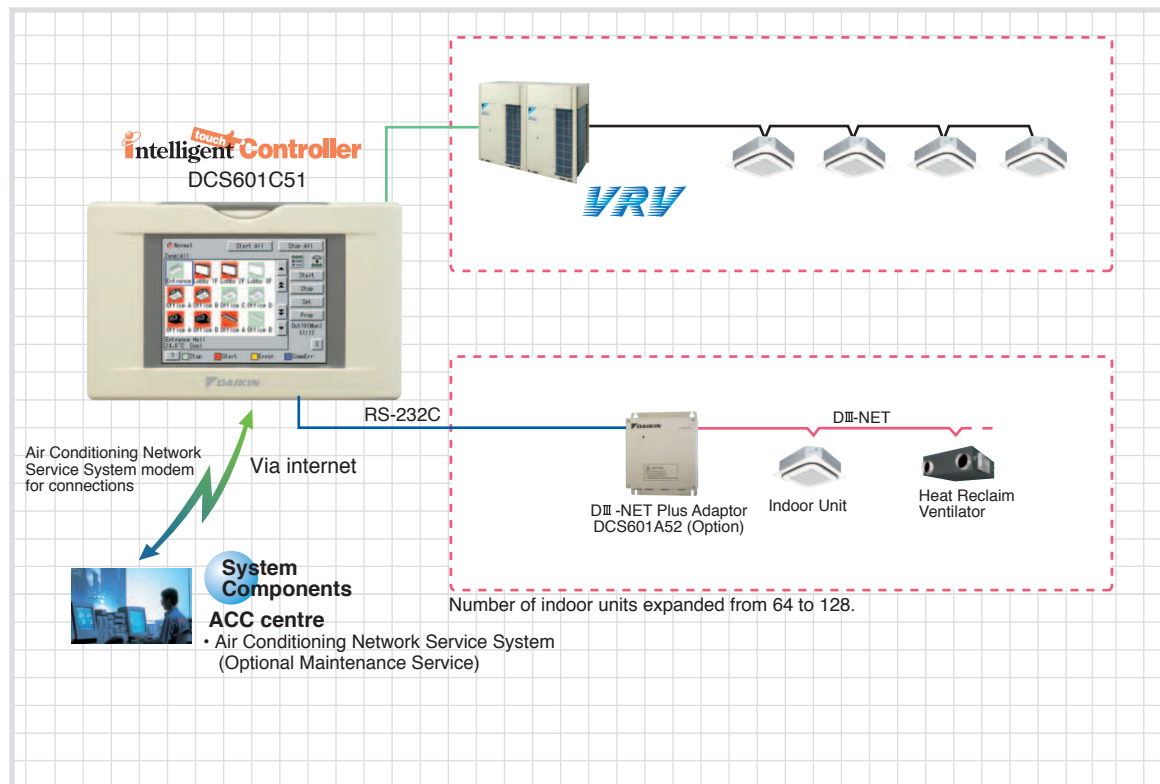
Scalability

- A single *intelligent Touch Manager* can manage a small building or be expanded to handle medium- to large-sized buildings.

Advanced Control Systems for VRV Indoor Units

Intelligent touch Controller

Communication functions in the user-friendly icon-based multilingual controller simplify centralised control of the VRV system.



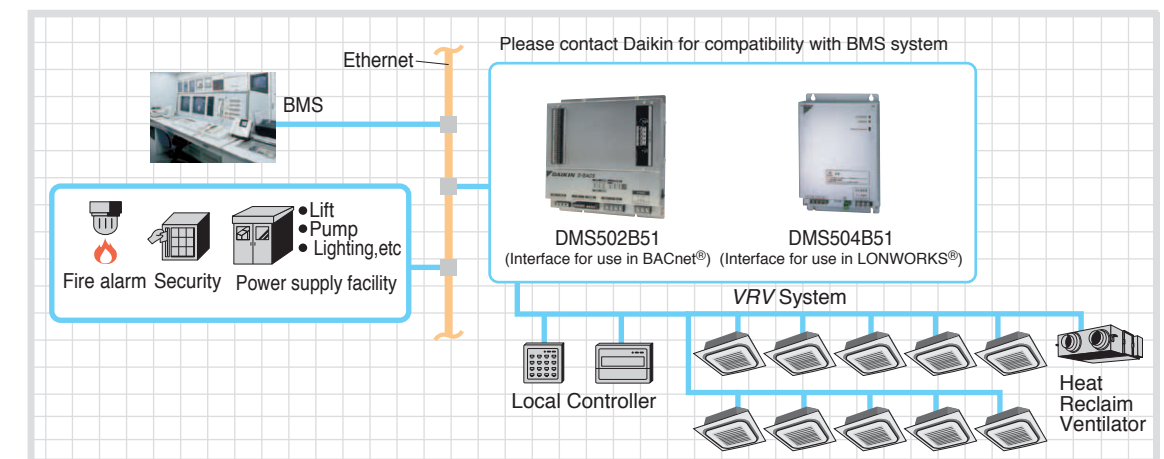
Features

- Colour LCD touch panel icon display
- Small manageable size
- Simplified engineering
- Multi language (English, French, Italian, German, Spanish, Dutch, Portuguese, Chinese and Korean)
- Yearly schedule
- Auto heat/cool change-over
- Temperature limitation
- Enhanced history function
- Simple Interlock Function
- Built-in modem for connecting to Air Conditioning Network Service System (Option)
- Doubling of number of connectable indoor units by adding a DIII-NET Plus Adaptor (Option)



Interface for BACnet® and LONWORKS®

Integrated control systems that recognise the trend of open control systems



- Compatibility with BMS enhanced by utilising the international communication standards, BACnet® or LONWORKS®.

DMS502B51 Interface for use in BACnet®

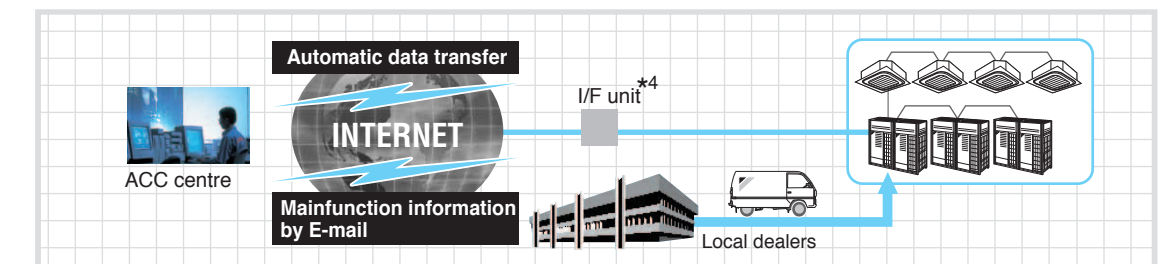
- Support for Heat Reclaim Ventilator VAM series
- Selectable temperature unit
- BTL Certification
- PPD data (Optional Di board is required.)
- ISO 16484-5 (Does not support IEEE 802.3 protocol for BACnet®)
- Up to 40 outdoor units and 256 indoor unit groups on one gateway (optional adaptor)

DMS504B51 Interface for use in LONWORKS®

- XIF file for confirming of specifications of the units.
- Connectable up to 10 outdoor units and 64 indoor unit groups.

Air Conditioning Network Service System

Maintenance services that boost profits and customer satisfaction



- 24 hour on-line diagnostic system
- Energy saving and extension of aircon operating life
- Maintenance management via A/C network service system reports
- Reliable service at shortest lead time

*1. Model name varies upon the system size.

*2. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

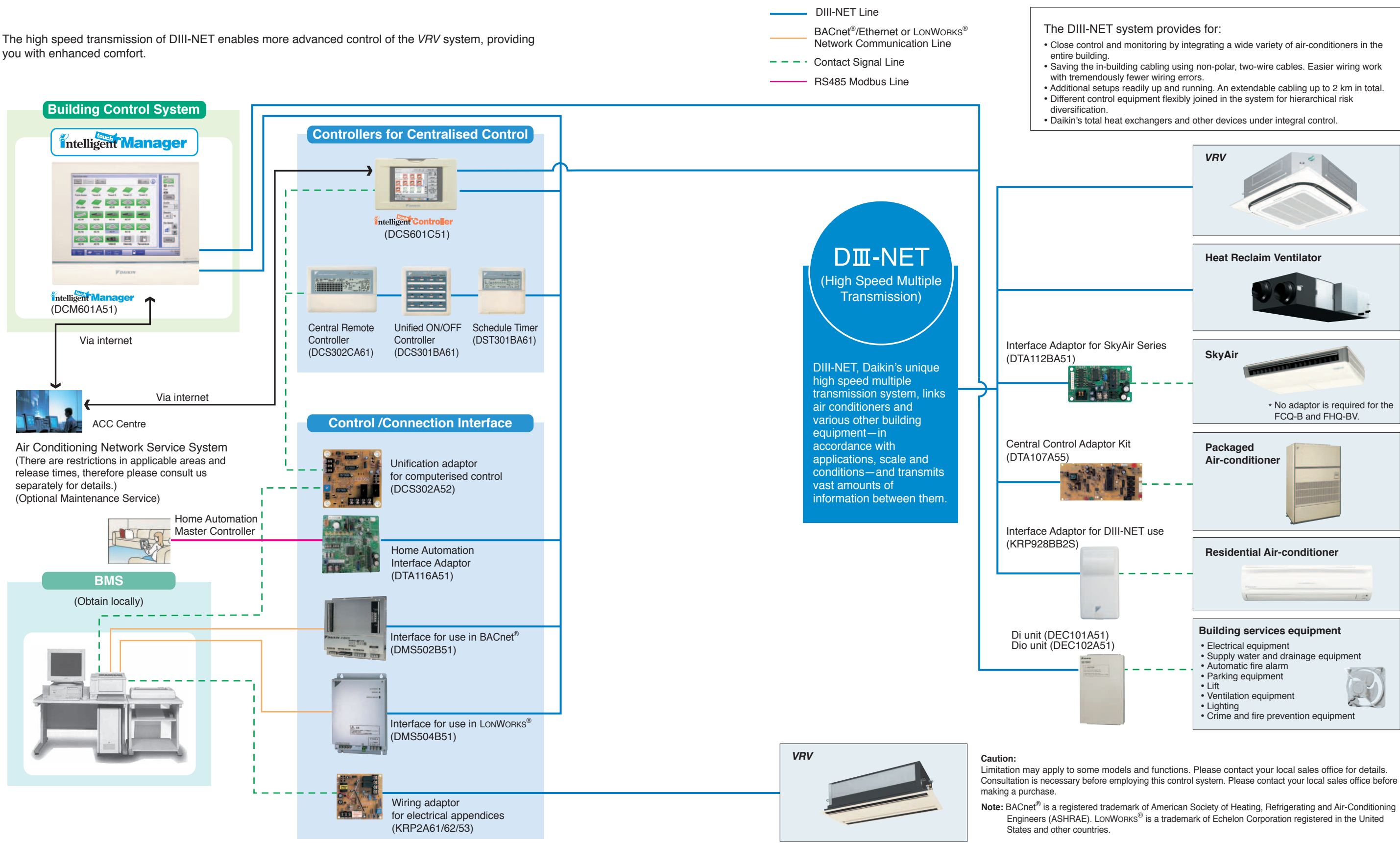
*3. LonWorks® is a trademark of Echelon Corporation registered in the United States and other countries.

*4. For an I/F unit, one of the following can be selected: **Local Controller**, intelligent touch Controller, or intelligent touch Manager.

*5. Refer to the Options page for the name of each model.

Integrated Building Monitoring System

The high speed transmission of DIII-NET enables more advanced control of the VRV system, providing you with enhanced comfort.



Option List

Operation Control System Optional Accessories

For VRV indoor unit use

No.	Item	Type	FXFQ-S	FXFQ-P	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-PB FXDQ-NB
		Wireless	BRC7F635F	BRC7F635F	BRC7E531W	BRC7CB59	BRC7C67	BRC4C63	BRC4C66
1	Remote controller	Wired				BRC1C62			
2	Navigation remote controller (Wired remote controller)					BRC1E62	Note 7		
3	Simplified remote controller (Exposed type)								BRC2C51
4	Remote controller for hotel use (Concealed type)								BRC3A61
5	Adaptor for wiring		★KRP1C63	★KRP1BA57	—	★KRP1B61	KRP1B61	★KRP1B56	
6-1	Wiring adaptor for electrical appendices (1)		★KRP2A62	★KRP2A62	—	★KRP2A61	KRP2A61	★KRP2A53	
6-2	Wiring adaptor for electrical appendices (2)		★KRP4AA53	★KRP4AA53	★KRP4AA53	★KRP4AA51	KRP4AA51	★KRP4A54	
7	Remote sensor (for indoor temperature)		KRCS01-4B			KRCS01-1B		KRCS01-1B	
8	Installation box for adaptor PCB★		Note 2, 3 KRP1H98	Note 4, 6 KRP1BA101	KRP1BA97	Note 2, 3 KRP1B96	—	Note 4, 6 KRP1BA101	
9	External control adaptor for outdoor unit		★DTA104A62	★DTA104A62	—	★DTA104A61	DTA104A61	★DTA104A53	
10	Adaptor for multi tenant		★DTA114A61	—	—	—	—	—	

No.	Item	Type	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P	FXLQ-MA FXNQ-MA	FXVQ-M
		Wireless	BRC4C66	BRC4C64	BRC7EA66	BRC7EA619	BRC4C64	—
1	Remote controller	Wired						
2	Navigation remote controller (Wired remote controller)					BRC1E62	Note 7	BRC1C62
3	Wired remote controller with weekly schedule timer					BRC1D61		—
4	Simplified remote controller (Exposed type)		BRC2C51	BRC2C51	—		BRC2C51	—
5	Remote controller for hotel use (Concealed type)		BRC3A61	BRC3A61	—		BRC3A61	—
6	Adaptor for wiring		★KRP1C64	KRP1B61	KRP1BA54	—	KRP1B61	KRP1C67
7-1	Wiring adaptor for electrical appendices (1)		★KRP2A61	KRP2A61	★KRP2A61	★KRP2A61	KRP2A61	—
7-2	Wiring adaptor for electrical appendices (2)		★KRP4AA51	KRP4AA51	★KRP4AA52	★KRP4AA52	KRP4AA51	KRP2A62
8	Remote sensor (for indoor temperature)		KRCS01-4B			KRCS01-1B		
9	Installation box for adaptor PCB☆		Note 2, 3 KRP4A96	—	Note 3 KRP1CA93	Note 2, 3 KRP4AA93	—	—
10	External control adaptor for outdoor unit		★DTA104A61	DTA104A61	★DTA104A62	★DTA104A61	DTA104A61	DTA104A62
11	Adaptor for multi tenant		★DTA114A61	—	—	★DTA114A61	—	—
12	External control adaptor for cooling/heating		—	—	—	—	—	KRP6A1
13	Remote controller with key		—	—	—	—	—	KRCB37-1

Notes: 1. Installation box ☆ is necessary for each adaptor marked ★.
2. Up to 2 adaptors can be fixed for each installation box.
3. Only one installation box can be installed for each indoor unit.
4. Up to 2 installation boxes can be installed for each indoor unit.
5. Installation box ☆ is necessary for second adaptor.
6. Installation box ☆ is necessary for each adaptor.
7. Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E62. Cannot be set via other remote controllers.
8. Since the control panel is equipped as standard, use the option for 2 remote control system.
9. When using BRC1E62, be sure to remove the control panel and since BRC1E62 cannot be stored inside the indoor unit, please place it separately.

For residential indoor unit use

No.	Item	Type	FCQ-B	FFQ-K	CDKS-K	FTKS-K
		Wired type ^{Note 1}	BRC1C61	BRC1C61	—	
1	Remote controller	Wireless type	BRC7C613W	BRC7E531W	—	Note 2
2	Adaptor for wiring		Note 3 KRP1BA57	Note 4 KRP1BA57	—	
3	Wiring adaptor for electrical appendices		Note 3 KRP4AA53	Note 4 KRP4AA53	—	
4	Installation box for adaptor PCB		KRP1B98	KRP1BA101	—	
5	Remote sensor (for indoor temperature)		—	KRCS01-1B	—	
6	Wiring adaptor for time clock/remote controller ^{Note 5} (Normal open pulse contact/normal open contact)		—	—	KRP413AB1S	
7	Remote controller loss prevention chain		—	—	KKF917A4	

Notes: 1. Wiring for wired remote controller should be obtained locally.
2. A wireless remote controller is a standard accessory for CDKS and FTKS models.
3. Installation box for adaptor PCB (KRP1B98) is necessary.
4. Installation box for adaptor PCB (KRP1BA101) is necessary.
5. Time clock and other devices should be obtained locally.

System Configuration

No.	Item	Type	Model No.	Function
1	Residential central remote controller		Note 2 DCS303A51	• Up to 16 groups of indoor units (128 units) can be easily controlled using the large LCD panel. ON/OFF, temperature settings and scheduling can be controlled individually for indoor units.
2	Central remote controller		DCS302CA61	• Up to 64 groups of indoor units(128 units) can be connected, and ON/OFF, temperature setting and monitoring can be accomplished individually or simultaneously. Connectable up to 2 controllers in one system.
2-1	Electrical box with earth terminal (3 blocks)		KJB311AA	
3	Unified ON/OFF controller		DCS301BA61	• Up to 16 groups of indoor units(128 units) can be turned, ON/OFF individually or simultaneously, and operation and malfunction can be displayed. Can be used in combination with up to 8 controllers.
3-1	Electrical box with earth terminal (2 blocks)		KJB212AA	
3-2	Noise filter (for electromagnetic interface use only)		KEK26-1A	
4	Schedule timer		DST301BA61	• Programmed time weekly schedule can be controlled by unified control for up to 64 groups of indoor units (128 units). Can turn units ON/OFF twice per day.
5	5-room centralised controller for residential indoor units	For CDKS, FTKS	Note 3 KRC72A	• Up to 5 indoor units can be controlled. This is a low cost system which can only control ON/OFF.
6	Interface adaptor for residential indoor units	For CDKS, FTKS	KRP928BB2S	• Adaptors required to connect products other than those of the VRV System to the high-speed DIII-NET communication system adopted for the VRV System.
7	Interface adaptor for SkyAir-series	For FCQ-B, FFQ-K	★DTA112BA51	
8	Central control adaptor kit	For UAT(Y)-K(A), FD-K	★DTA107A55	
9	Wiring adaptor for other air-conditioner		★DTA103A51	* To use any of the above optional controllers, an appropriate adaptor must be installed on the product unit to be controlled.
10	DIII-NET Expander Adaptor		DTA109A51	• Up to 1024 units can be centrally controlled in 64 different groups. • Wiring restrictions (max. length: 1,000m, total wiring length: 2,000m, max. number of branches: 16) apply to each adaptor.
10-1	Mounting plate		KRP4A92	• Fixing plate for DTA109A51

Note: 1. Installation box for ★ adaptor must be obtained locally. 2. For residential use only. Cannot be used with other centralised control equipment.
3. A wiring adaptor (KRP413AB1S) is also required for each indoor unit.

Building Management System

No.	Item				Model No.	Function
1	intelligent Touch Controller	Basic	Hardware	intelligent Touch Controller	DCS601C51	• Air-Conditioning management system that can be controlled by a compact all-in-one unit.
1-1		Option	Hardware	DIII-NET plus adaptor	DCS601A52	• Additional 64 groups (10 outdoor units) is possible.
1-2	Electrical box with earth terminal (4 blocks)				KJB411A	• Wall embedded switch box.
2	intelligent Touch Manager	Basic	Hardware	intelligent Touch Manager	DCM601A51	• Air-conditioning management system that can be controlled by touch screen.
2-1		Option	Hardware	iTM plus adaptor	DCM601A52	• Additional 64 groups (10 outdoor units) is possible. Max. 7 iTM plus adaptors can be connected to intelligent Touch Manager.
2-2			Software	iTM power proportional distribution	DCM002A51	• Power consumption of indoor units are calculated based on operation status of the indoor unit and outdoor unit power consumption measured by kWh metre.
2-3				iTM energy navigator	DCM008A51	• Building energy consumption is visualised. Wasted air-conditioning energy can be found out.
2-4						
2-5	Di unit				DEC101A51	• 8 pairs based on a pair of ON/OFF input and abnormality input.
2-6	Dio unit				DEC102A51	• 4 pairs based on a pair of ON/OFF input and abnormality input.
3	Communication interface	*1 Interface for use in BACnet®			DMS502B51	• Interface unit to allow communications between VRV and BMS. Operation and monitoring of air-conditioning systems through BACnet® communication.
3-1		Optional DIII board			DAM411B51	• Expansion kit, installed on DMS502B51, to provide 2 more DIII-NET communication ports. Not usable independently.
3-2		Optional Di board			DAM412B51	• Expansion kit, installed on DMS502B51, to provide 16 more wattmeter pulse input points. Not usable independently.
4		*2 Interface for use in LONWORKS®			DMS504B51	• Interface unit to allow communications between VRV and BMS. Operation and monitoring of air-conditioning systems through LonWorks® communication.
5		Home Automation Interface Adaptor			DTA116A51	• Use of the Modbus protocol enables the connection of the VRV system with a variety of home automation systems from other manufacturers.
6	Contact/analogue signal	Unification adaptor for computerised control			★DCS302A52	• Interface between the central monitoring board and central control units.

Notes: *1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
*2. LonWorks® is a trademark of Echelon Corporation registered in the United States and other countries. *3. Installation box for ★ adaptor must be obtained locally.

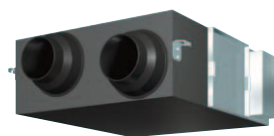
Heat Reclaim Ventilator — VAM series

The Heat Reclaim Ventilator Creates a High-Quality Environment by Interlocking with the Air Conditioner

Model Names

VAM150GJVE, VAM250GJVE, VAM350GJVE,
VAM500GJVE, VAM650GJVE, VAM800GJVE,
VAM1000GJVE, VAM1500GJVE, VAM2000GJVE

Improved Enthalpy Efficiency^{*1}
Higher External Static Pressure^{*2}
Enhanced Energy Saving Functions

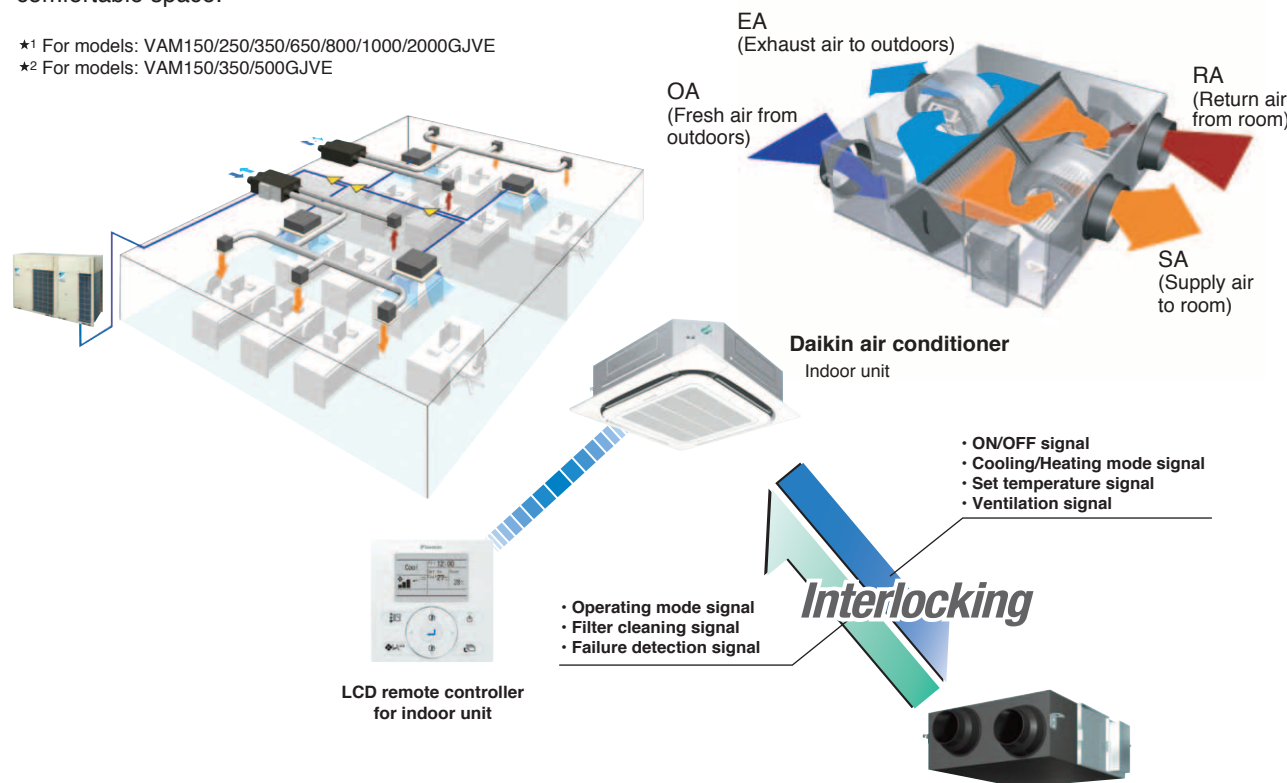


Heat Reclaim Ventilator remote controller*
BRC301B61 (Option)

* This remote controller is used in case of independent operation of Heat Reclaim Ventilator.

This VAM series provides higher enthalpy efficiency^{*1}, due to the greatly enhanced performance of the thin film element. Furthermore, improved external static pressure^{*2} offers more flexibility for installation. Along with these three outstanding improvements, the nighttime free cooling operation contributes to energy conservation and more comfortable space.

^{*1} For models: VAM150/250/350/650/800/1000/2000GJVE
^{*2} For models: VAM150/350/500GJVE



Compact Equipment

With a height of just 306 mm, the unit easily fits in limited spaces, such as above ceilings.



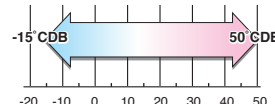
* For VAM500GJVE

Energy Conservation

Air conditioning load reduced by approximately 31%!

Cold Climate Compatible

Standard operation at temperatures down to -15°C.



Air conditioning load reduced by approximately 31%!

Total heat exchange ventilation

This unit recovers heat energy lost through ventilation and curbs room temperature changes caused by ventilation, thereby conserving energy and reducing the load on the air conditioning system.

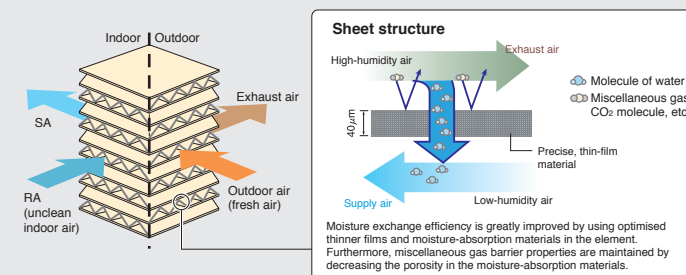
Enthalpy efficiency drastically improved by employing thin film element! (VAM-GJ model)

Due to the thinner film...

- Decreases the moisture resistance of the partition sheets drastically.
- Realises more space for extra layers in the element, resulting in increased effective area that supply and exhaust air can be exposed to.

Moisture absorption increased by approx. 10%!

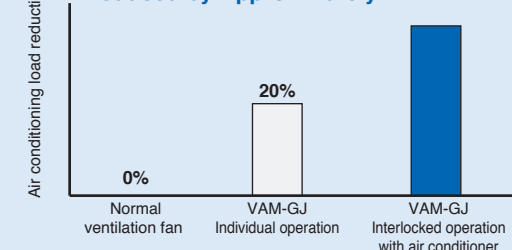
Thickness of the partition sheet
40 μm



• The air conditioning load reduction values may vary according to weather and other environmental conditions at the location of the machine's installation.

• The air conditioning load reduction values are based on the following conditions:
Application: Tokyo office building
Building form: 6 floors above ground, 2 floors underground, floor area 2,100 m²
Personnel density: 0.25 person/m²
Ventilation volume: 25 m³/h
Indoor air conditioning level: summer 25°C 50% RH, intermediate seasons 24°C 50% RH, winter 22°C 40% RH
Operating time: 2745 hours (9 hours per day, approx. 25 days per month)
Calculation method: simulation based on "MICRO-HASP/1982" of the Japan Building Mechanical and Electrical Engineers Association.

Air Conditioning Load Reduced by Approximately



Nighttime free cooling operation^{*1}

Nighttime free cooling operation is an energy-conserving function that works at night when air conditioners are off. By ventilating rooms containing office equipment that raises the room temperature, nighttime free cooling operation reduces the cooling load when air conditioners are turned on in the morning. It also alleviates feelings of discomfort in the morning caused by heat accumulated during the night.

- Nighttime free cooling operation only works to cool and if connected to Building Multi or VRV systems.
- Nighttime free cooling operation is set to "off" in the factory settings, so if you wish to use it, request your dealer to turn it on.

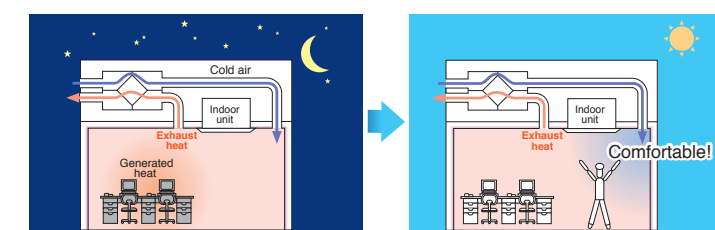
^{*1} This function can be operated only when interlocked with air conditioners.

^{*2} Value is based on the following conditions:

- Cooling operation performed from April to October.
- Calculated for air conditioning sensible heat load only (latent heat load not included).

Air conditioning sensible heat load reduced by **approx. 5%^{*2}**

The indoor accumulated heat is discharged at night. This reduces the air conditioning load the next day thereby increasing efficiency.



Heat is discharged.

The load is small so the temperature is rapidly reduced to a comfortable level.

^{*1} Interlocked operation with an air conditioner

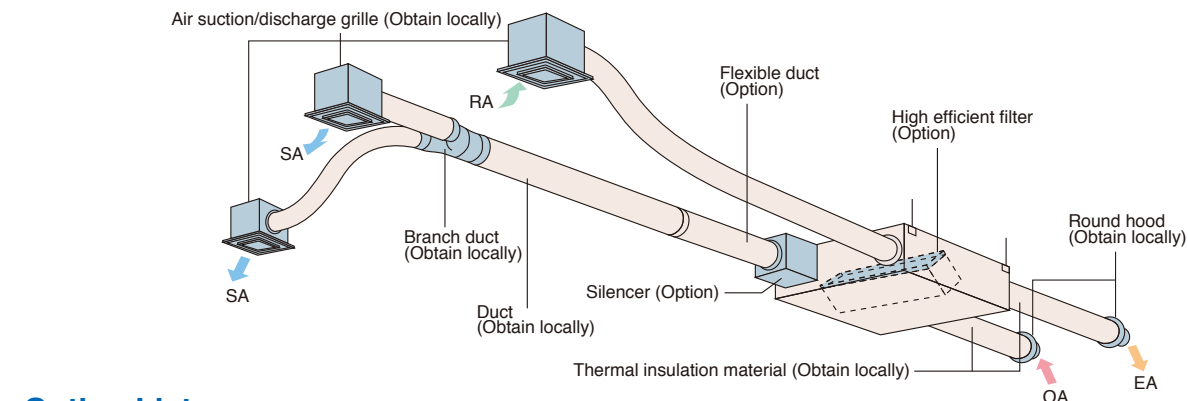
SPECIFICATIONS

MODEL			VAM150GJVE	VAM250GJVE	VAM350GJVE	VAM500GJVE	VAM650GJVE	VAM800GJVE	VAM1000GJVE	VAM1500GJVE	VAM2000GJVE	
Power Supply			1-phase, 220-240 V/220 V, 50/60 Hz									
Temp. Exchange Efficiency (50/60 Hz)		Ultra-High	%	79/79	75/75	79/79	74/74	75/75	72/72	78/78	72/72	77/77
		High		79/79	75/75	79/79	74/74	75/75	72/72	78/78	72/72	77/77
		Low		84/85	79/79	82/82	80/80.5	77/77.5	74/74.5	80.5/81	75.5/76	79/81
Enthalpy Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	%	66/66	63/63	66/66	55/55	61/61	61/61	64/64	61/61	62/62
		High		66/66	63/63	66/66	55/55	61/61	61/61	64/64	61/61	62/62
		Low		70/70.5	66/66	70/70	59/59.5	64/64.5	64/64.5	68.5/69	64/64.5	66/67
Power Consumption (50/60 Hz)	Heat Exchange Mode	Ultra-High	W	125/134	137/141	200/226	248/270	342/398	599/680	635/760	1,145/1,300	1,289/1,542
		High		111/117	120/125	182/211	225/217	300/332	517/597	567/648	991/1,144	1,151/1,315
		Low		57/58	60/59	122/120	128/136	196/207	435/483	476/512	835/927	966/1,039
	Bypass Mode	Ultra-High	W	125/134	137/141	200/226	248/270	342/398	599/680	635/760	1,145/1,300	1,289/1,542
		High		111/117	120/125	182/211	225/217	300/332	517/597	567/648	991/1,144	1,151/1,315
		Low		57/58	60/59	122/120	128/136	196/207	435/483	476/512	835/927	966/1,039
Sound Level (50/60 Hz)	Heat Exchange Mode	Ultra-High	dB(A)	27-28.5/28.5	27-29/29	31.5-33/33	33-35.5/34	34-36/36	39-40.5/39.5	39.5-41.5/39.5	39.5-41.5/41.5	41.5-43.5/42
		High		26-27.5/27.5	26-27.5/28	30-31.5/30	31.5-34/32	33-34.5/34	37-39.5/37.5	37.5-39.5/37.5	37.5-39.5/39.5	39-43/40
		Low		20.5-21.5/21	21-22/21	23-25/23	25-28.5/24	27.5-29.5/28	35-37.5/34	35-37.5/34.5	35-37.5/36	36-39/39
	Bypass Mode	Ultra-High	dB(A)	28.5-29.5/29.5	28.5-30.5/30.5	33-34.5/34.5	34.5-36/35.5	35-37.5/37.5	40.5-42/41	40.5-42.5/40.5	41-43/42.5	43-45.5/44
		High		27.5-28.5/28.5	27.5-29/29.5	31.5-33/31.5	33-34.5/33.5	33-35.5/35.5	38.5-40/39	38.5-40.5/38.5	39.5-41/41.5	40.5-45/42
		Low		22.5-23.5/22	22.5-23/22.5	24.5-26.5/24.5	25.5-28.5/25.5	27.5-30.5/29.5	36-38.5/35.5	36-38.5/35.5	36.5-38/37.5	37.5-39.5/41
Casing			Galvanised steel plate									
Insulation Material			Self-extinguishable polyurethane foam									
Dimensions (H×W×D)		mm	278×810×551		306×879×800		338×973×832	387×1,111×832	387×1,111×1,214	785×1,619×832	785×1,619×1,214	
Machine Weigh		kg	24		32		45	55	67	129	157	
Heat Exchange System			Air to air cross flow total heat (Sensible heat + latent heat) exchange									
Heat Exchange Element Material			Specially processed nonflammable paper									
Air Filter			Multidirectional fibrous fleeces									
Fan	Type		Sirocco fan									
	Airflow Rate (50/60 Hz)	Ultra-High	m³/h	150/150	250/250	350/350	500/500	650/650	800/800	1,000/1,000	1,500/1,500	2,000/2,000
		High		150/150	250/250	350/350	500/500	650/650	800/800	1,000/1,000	1,500/1,500	2,000/2,000
		Low		100/95	155/155	230/230	320/295	500/470	700/670	860/840	1,320/1,260	1,720/1,580
	External Static Pressure (50/60 Hz)	Ultra-High	Pa	120/154	70/96	169/222	105/150	85/125	133/170	168/192	112/150	116/140
		High		106/131	54/65	141/145	66/52	53/67	92/85	110/86	73/72	58/32
Low		56/60		24/20	67/30	32/18	35/38	72/61	85/60	56/50	45/45	
Motor Output		kW	0.030×2		0.090×2		0.140×2		0.280×2		0.280×4	
Connection Duct Diameter		mm	φ 100	φ 150		φ 200		φ 250		φ 350		
Unit ambient condition			-15℃~50℃DB, 80%RH or less									

- Notes:
1. Sound level is measured at 1.5 m below the centre of the body.
 2. Airflow rate can be changed over to Low mode or High mode.
 3. Sound level is measured in an anechoic chamber.
 4. The sound level at the air discharge port is about 8 dB(A) higher than the unit's sound level.
 5. The specifications, designs and information given here are subject to change without notice.
 6. Temperature Exchange Efficiency is the mean value between cooling and heating.
 7. Efficiency is measured under the following conditions:
Ratio of rated external static pressure has been maintained as follows; outdoor side to indoor side = 7 to 1.
 8. In conformance with JIS standards (JIS B 8628), operating sound level is based on the value when one unit is operated, with the value converted for an anechoic chamber. This is transmission sound from the main unit, and does not include sound from the discharge grille. Thus it is normal for the sound to be louder than the indicated value when the unit is actually installed.
 9. Sound level from the discharge port causes the value to be approximately 8 dB(A) (models with the airflow rate of less than 150 to 500 m³/h) to approximately 11 dB(A) (models with the airflow rate of 650 m³/h or more) greater than the indicated value. Furthermore, fan rotation and noise from the discharge grille may increase depending on the on-site duct resistance conditions. Please consider noise countermeasures when installing the unit.

10. With large models in particular (1500 and 2000 m³/h models), if the supply air (SA) grille is installed near the main unit, the noise of the main unit may be heard from the discharge grille via the duct, and this will result in a marked increase in noise. In such cases, if peripheral effects are included (such as reverberation of the floor and walls, combination with other equipment, and background noise), sound level may be as much as 15 dB(A) higher than the indicated value. When installing a large model, please provide as much separation as possible between the main unit and the discharge grille. If the equipment and discharge grille are near each other, please consider countermeasures such as the following:
 - Use a sound-muffling box, flexible duct and sound-muffling air supply/discharge grilles
 - Decentralised installation of discharge grilles
11. When installing in a location with particularly low background noise such as a classroom, please consider the following measures to avoid transmission sound from the main unit:
 - Use of ceiling materials with high sound insulating properties (high transmission loss)
 - Methods of blocking sound transmission, for example, by adding sound insulating materials around the bottom of the sound source.Alternatively, consider supplementary methods such as installing the equipment in a different location (corridor, etc.)

OPTIONS



Option List

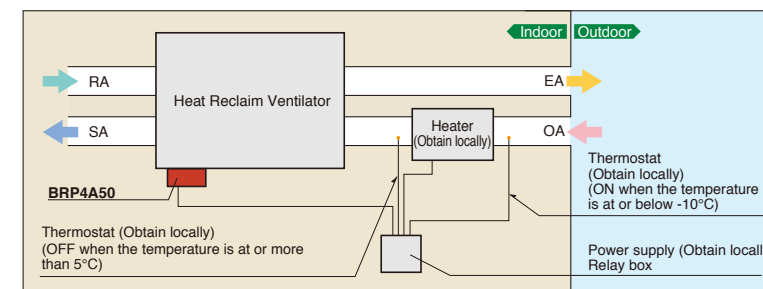
Item		Type	VAM150 · 250 · 350 · 500 · 650 · 800 · 1000 · 1500 · 2000GJVE									
Controlling device	Heat Reclaim Ventilator remote controller		BRC301B61									
		Residential central remote controller	DCS303A51 *1									
		Central remote controller	DCS302CA61									
		Unified ON/OFF controller	DCS301BA61									
		Schedule timer	DST301BA61									
	Wiring adaptor for electrical appendices		KRP2A61									
		For humidifier	KRP50-2									
		Installation box for adaptor PCB	KRP50-2A90 (Mounted electric component assy of Heat Reclaim Ventilator)									
		For heater control kit	BRP4A50									
PC Board Adaptor	For wiring	Type (indoor unit of VRV)	FXFQ-S	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-PB	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P
			FXFQ-P	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-NB	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P
			KRP1C63★	KRP1BA57★	KRP1C67	KRP1B61★	KRP1B61	KRP1B56★	KRP1C64★	KRP1B61	KRP1BA54	—
			Notes 2, 3	Note 4, 6	—	Notes 2, 3	—	Notes 4, 6	Notes 2, 3	—	Note 3	Notes 2, 3
			KRP1H98	KRP1BA101	—	KRP1B96	—	KRP1BA101	KRP4A96	—	KRP1CA93	KRP4A93
	Installation box for adaptor PCB★											

- Notes:
1. Installation box ★ is necessary for each adaptor marked ★.
 2. Up to 2 adaptors can be fixed for each installation box.
 3. Only one installation box can be installed for each indoor unit.
 4. Up to 2 installation boxes can be installed for each indoor unit.
 5. Installation box ★ is necessary for second adaptor.
 6. Installation box ★ is necessary for each adaptor.
 7. *1 For residential use only. When connected with a Heat Reclaim Ventilator (VAM), you can only switch the power ON/OFF. Cannot be used with other centralised control equipment.

Item			Type	VAM150GJVE	VAM250GJVE	VAM350GJVE	VAM500GJVE	VAM650GJVE	VAM800GJVE	VAM1000GJVE	VAM1500GJVE	VAM2000GJVE
Additional function	Silencer	Nominal pipe diameter	mm	—			KDDM24B50	KDDM24B100		KDDM24B100X2		
			—			φ 200			φ 250			
	High efficiency filter		KAF242H25M		KAF242H50M		KAF242H65M	KAF242H80M	KAF242H100M	KAF242H80Mx2	KAF242H100Mx2	
	Air filter for replacement		KAF241G25M		KAF241G50M		KAF241G65M	KAF241G80M	KAF241G100M	KAF241G80Mx2	KAF241G100Mx2	
	Flexible duct (1 m)			K-FDS101D	K-FDS151D		K-FDS201D		K-FDS251D			
Flexible duct (2 m)			K-FDS102D	K-FDS152D		K-FDS202D		K-FDS252D				
Duct adaptor		Nominal pipe diameter	mm	—							YDFA25A1	
			—							φ 250		

PC board adaptor for heater control kit (BRP4A50)

When the installation of an electric heater is required in a cold region, this adaptor with an internal timer function eliminates the complicated timer connecting work that was necessary with conventional heaters.



- Notes when installing
- Examine fully an installation place and specification for using the electric heater based on the standard and regulation of each country.
 - Supply the electric heater and safety production devices such as a relay and a thermostat, etc of which qualities satisfy the standard and regulation of each country at site.
 - Use a non-inflammable connecting duct to the electric heater. Be sure to allow 2 m or more between the electric heater and the Heat Reclaim Ventilator for safety.
 - For the Heat Reclaim Ventilator, use a different power supply from that of the electric heater and install a circuit breaker for each.

Air Handling Unit

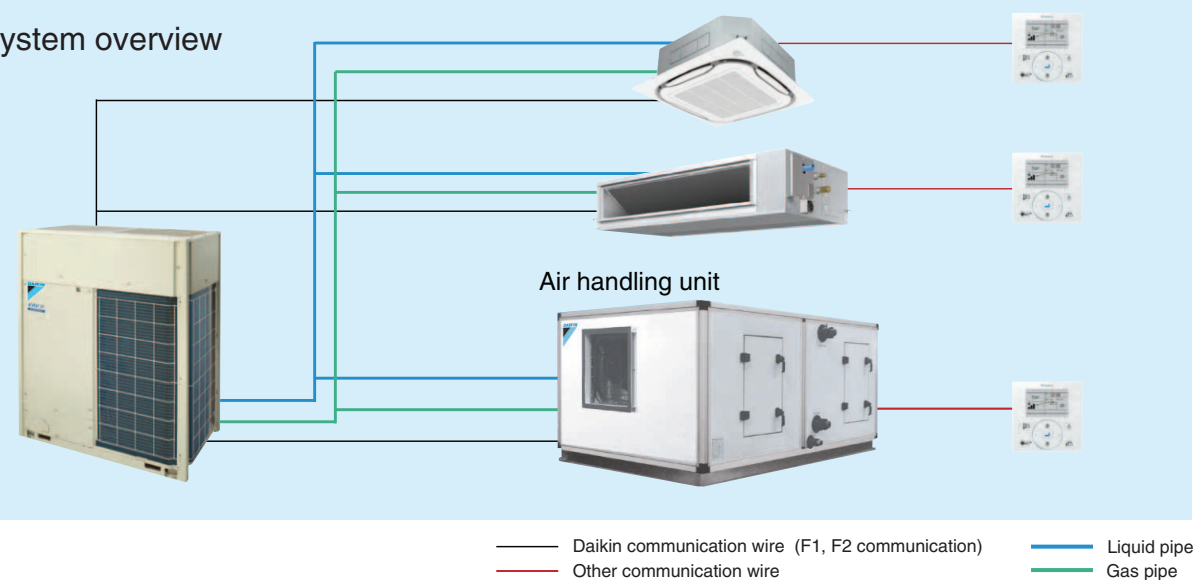
Integrate your air handling unit in a total solution for large size spaces such as factories and large stores.



- Easy design and installation
 - The system is easy to design and install since no additional water systems such as boilers, tanks and gas connections etc are required.
- Inverter controlled units
- Control of air temperature via standard Daikin wired remote control



System overview



Daikin air handling units can be connected to VRV IV systems.
This combination can be built to order as a system. Please contact your local sales office for details.

